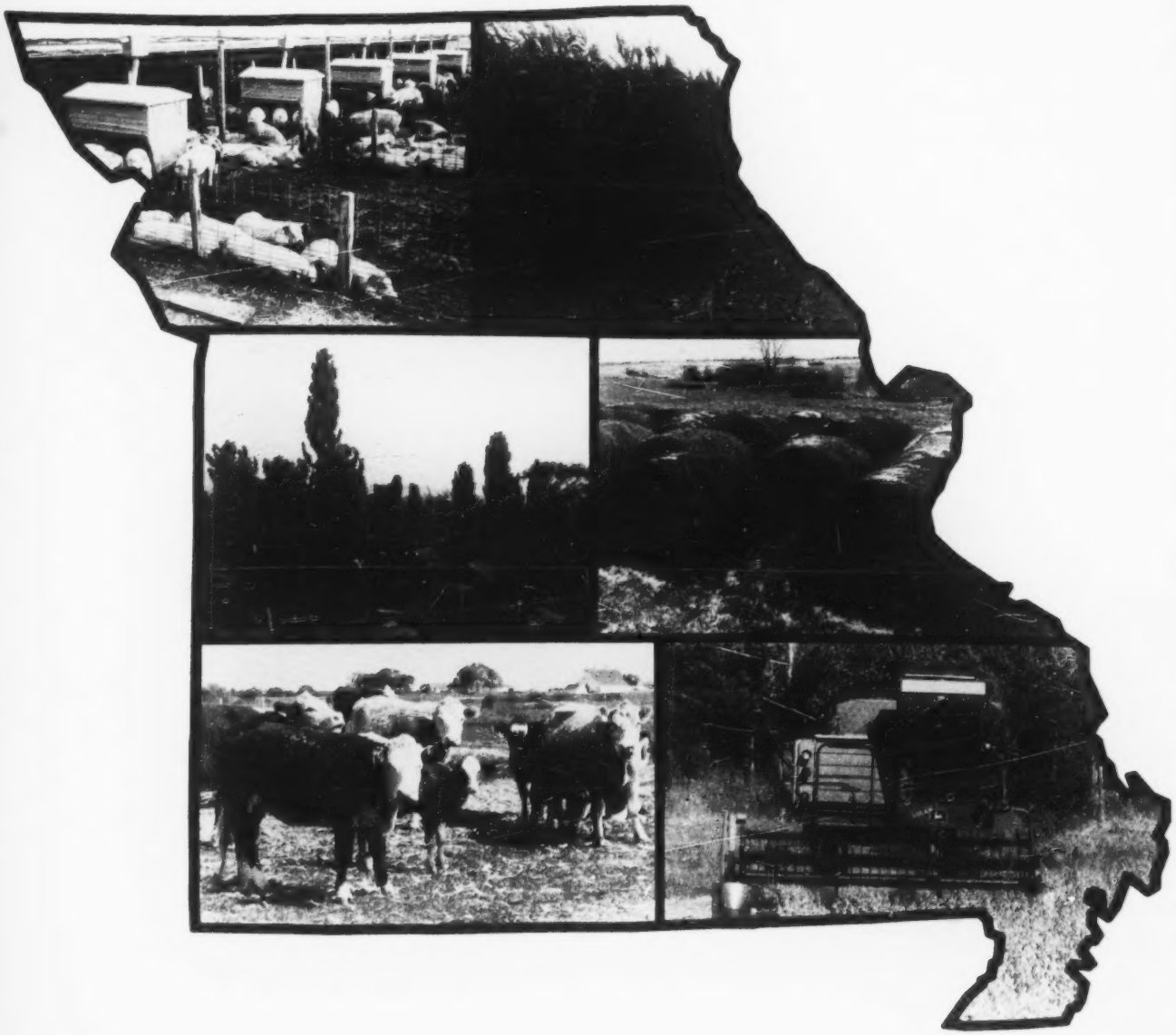
1987 MISSOURI FARM FACTS



MISSOURI DEPARTMENT OF AGRICULTURE

MISSOURI AGRICULTURAL STATISTICS REPORTING DISTRICTS
WITH 1986 PRECIPITATION BY COUNTY*

STATE AVERAGE 43.38

*Precipitation data represents one location per county and is furnished by the Agricultural Stabilization and Conservation Service county offices.

MISSOURI FARM FACTS

Compiled by

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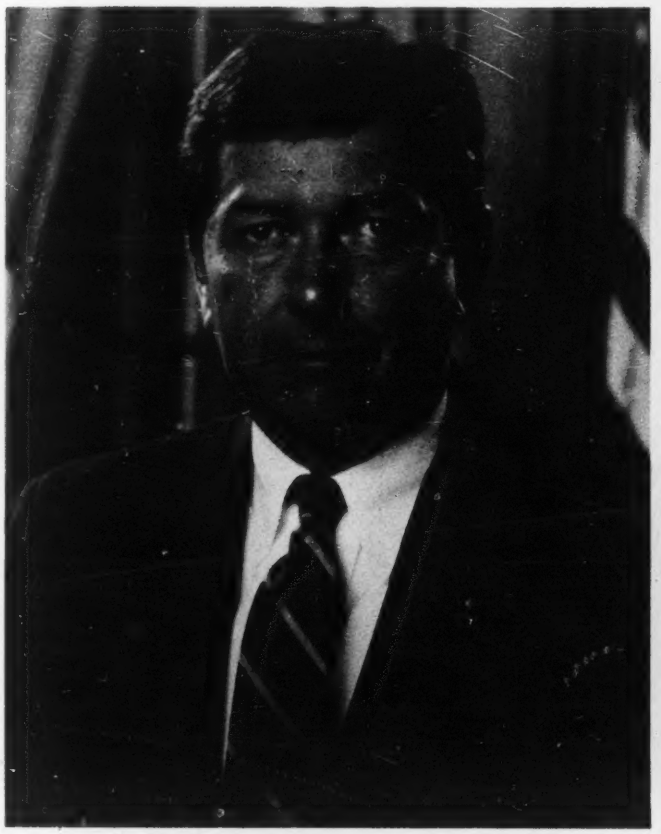
May 1987

EXECUTIVE OFFICE
STATE OF MISSOURI
JEFFERSON CITY

JOHN ASHCROFT
GOVERNOR

1987



Greetings:

Agriculture and agribusiness have long been recognized as the backbone of America. Spectacular increases in efficiency have enabled farmers to feed and clothe an expanding urban populace. Farmers are businesspeople who often manage complex business enterprises.

Farm families have been important in shaping the character and values of our state, and I appreciate those who invest their time and take the risks to manage our state's farms and ranches. A strong agribusiness economy is as important to preparing Missouri for the move into the next century as it has been to shaping the character and values that have made our state strong. One of my priorities is to continue to examine ways in which state government can continue to provide opportunities for the men and women involved in Missouri agriculture.

I hope the 1987 Farm Facts will help you better understand our state's agricultural industry.

Sincerely,

John Ashcroft

JOHN ASHCROFT
GOVERNOR OF MISSOURI

DEPARTMENT OF AGRICULTURE
STATE OF MISSOURI
JEFFERSON CITY

JOHN ASHCROFT
GOVERNOR

CHARLES E. KRUSE
DIRECTOR

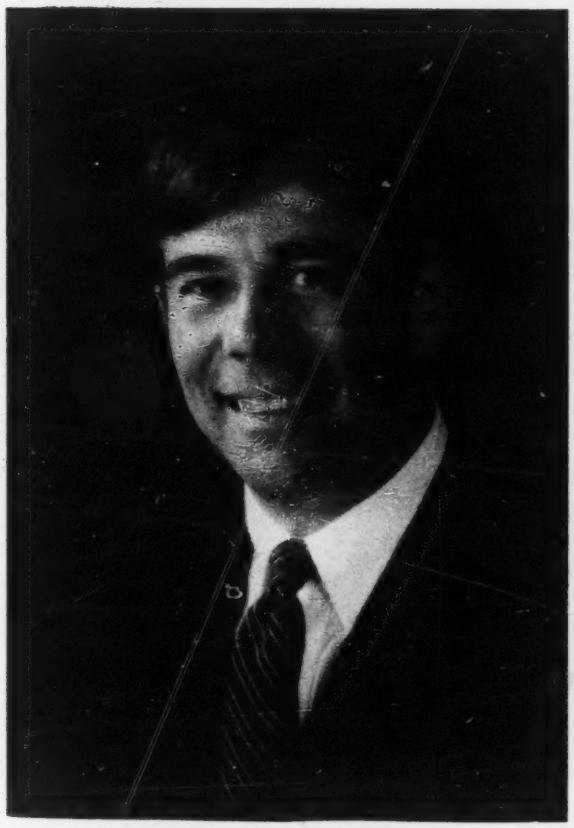
As Director of Agriculture I am pleased to present the 1987 edition of Missouri Farm Facts. It provides an up-to-date source of information covering the broad spectrum of our State's important crop and livestock industries. The need for timely agricultural information has never been greater than during this time of rapid change.

In 1986, Missouri farmers experienced generally favorable growing conditions followed by an unfavorable harvesting season. Losses due to flooding and excessive moisture were severe in many locations. However, even with the disastrous harvest, Missouri farmers produced the second largest corn crop and the third largest soybean crop on record.

I would like to express my personal thanks to the thousands of Missouri farmers and agribusinesses who provide the data for this book by voluntarily reporting on numerous agricultural surveys. It is only through their continued cooperation that accurate and current livestock and crop statistics can be published for the public's use.

The 1987 Farm Facts contains a few new items. These include: county on-farm grain storage capacity and bee and honey estimates.

We hope the information in the 1987 Missouri Farm Facts will meet your needs for statistical information on our agricultural industry. Your comments and suggestions for additional information or changes to this publication would be welcome.



CHARLES E. KRUSE
DIRECTOR OF AGRICULTURE

Charles E. Kruse

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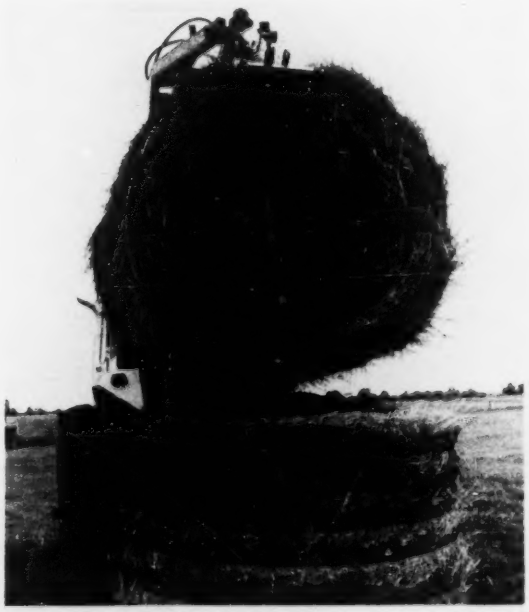
MISSOURI'S RANK AMONG STATES, 1986

	Rank	Unit	Production
Crops			
Hay, excluding alfalfa	2	tons	4,768,000
Soybeans	3	bushels	177,550,000
Sorghum grain	4	bushels	92,340,000
Rice	6	hundredweight	3,434,000
Concord grapes	7	tons	1,100
Corn grain	8	bushels	280,720,000
Hay, all	9	tons	6,028,000
Grapes, all	9	tons	2,900
Cotton	11	bales	196,000
Sorghum silage	11	tons	115,000
Tobacco, all	13	pounds	4,389,000
Peaches	15	pounds	12,000,000
Oats	16	bushels	5,000,000
Winter wheat	17	bushels	18,810,000
Apples	22	pounds	37,000,000
Alfalfa hay	23	tons	1,260,000
Corn silage	23	tons	1,080,000
Livestock & Livestock Products			
Cattle operations	2	number	96,000
Calf crop	2	head	2,120,000
All cows	2	head	2,190,000
Beef cows	2	head	1,955,000
Turkeys raised	6	head	13,500,000
Hogs & pigs	6	head	2,900,000
Dairy operations	6	number	10,500
Cattle & calves	7	head	4,800,000
Butter production	8	lbs	21,927,000
American cheese production	8	lbs	69,268,000
Milk cows	10 (tie)	head	227,000
Milk production	11	pounds	2,930,000,000
Egg production	16	million	1,397
Ice cream production	19	gallons	1,100,000
Cattle & calves on feed	21	head	85,000
Sheep & lambs	21	head	101,000
Honey production	24	lbs	1,590,000



MISSOURI POPULATION ESTIMATES

	Population		Percent	Components of Change		
	1980	1985	Change 1/	Births	Deaths	Migration 1/
State	4,916,766	5,035,200	2.4	400,416	257,153	(24,829)
Adair	24,870	24,400	(1.8)	1,843	1,178	(1,135)
Andrew	13,980	14,800	5.9	1,042	726	504
Atchison	8,605	8,100	(5.5)	558	601	(462)
Audrain	26,458	25,800	(2.5)	1,939	1,465	(1,132)
Barry	24,408	26,200	7.2	1,795	1,587	1,584
Barton	11,292	11,400	1.3	901	850	57
Bates	15,873	15,600	(1.5)	1,165	1,194	(244)
Benton	12,183	12,800	4.7	698	955	874
Bollinger	10,301	10,600	2.7	732	573	140
Boone	100,376	104,900	4.5	8,019	3,164	(331)
Buchanan	87,888	85,700	(2.5)	6,933	5,316	(3,805)
Butler	37,693	38,600	2.4	2,731	2,355	531
Caldwell	8,660	8,200	(5.9)	600	697	(363)
Callaway	32,252	32,000	(0.7)	2,515	1,361	(1,406)
Camden	20,017	24,500	22.5	1,506	1,154	4,131
Cape Girardeau	58,837	60,500	2.8	4,141	2,605	127
Carroll	12,131	11,400	(5.8)	835	885	(681)
Carter	5,700	5,428	5.9	428	313	157
Cass	51,029	55,800	9.4	4,325	2,120	2,566
Cedar	11,894	12,200	2.4	752	932	486
Chariton	10,489	10,100	(4.0)	772	771	(390)
Christian	22,402	25,700	14.7	1,739	967	2,526
Clark	8,493	8,100	(4.3)	546	488	(451)
Clay	136,488	144,000	5.5	11,121	4,972	1,363
Clinton	15,916	16,200	1.9	1,152	929	61
Cole	56,663	61,600	8.6	4,724	2,337	2,550
Cooper	14,643	15,000	2.7	1,104	891	144
Crawford	18,300	19,000	3.8	1,466	1,065	299
Dade	7,383	7,500	1.2	512	598	203
Dallas	12,096	12,600	4.3	796	756	464
Daviess	8,905	8,500	(4.6)	684	640	(449)
DeKalb	8,222	8,000	(2.2)	573	591	(204)
Dent	14,517	14,400	(0.7)	1,092	897	(312)
Douglas	11,594	12,400	6.8	922	639	523
Dunklin	36,324	35,100	(3.3)	2,660	2,252	(1,632)
Franklin	71,233	76,800	7.8	6,316	3,325	2,576
Gasconade	13,181	13,400	1.9	995	942	166
Gentry	7,887	7,700	(2.9)	565620	(132)	
Greene	185,302	195,600	5.6	14,240	8,642	4,700
Grundy	11,959	11,300	(5.6)	759	868	(550)
Harrison	9,890	9,500	(3.7)	656	784	(252)
Henry	19,672	19,900	1.0	1,321	1,533	440
Hickory	6,367	7,000	10.3	356	454	731
Holt	6,882	6,600	(4.7)	466	543	(205)
Howard	10,008	9,700	(2.9)	762	655	(415)
Howell	28,807	30,000	4.0	2,195	1,706	704
Iron	11,084	11,000	(0.5)	823	650	(257)
Jackson	629,266	634,900	0.9	55,292	32,365	(17,293)
Jasper	86,958	89,500	2.9	6,973	5,264	833
Jefferson	146,183	160,200	9.6	14,102	4,803	4,718
Johnson	39,059	37,800	(3.2)	3,516	1,389	(3,386)
Knox	5,508	5,000	(8.6)	311	386	(433)
Laclede	24,323	26,200	7.9	2,008	1,333	1,202
Lafayette	29,925	30,300	1.2	2,193	1,913	95
Lawrence	28,973	30,000	3.4	2,127	1,748	648
Lewis	10,901	10,700	(2.1)	690	582	(309)
Lincoln	22,193	24,900	12.3	1,966	1,327	2,068
Linn	15,495	14,900	(3.9)	1,240	1,229	(606)
Livingston	15,739	15,100	(4.3)	1,228	1,083	(784)
McDonald	14,917	15,500	3.9	1,112	834	305

MISSOURI POPULATION ESTIMATES (Cont'd)

	Population		Percent	Components of Change		
	1980	1985	Change 1/	Births	Deaths	Migration 1/
Macon	16,313	16,500	1.0	1,103	1,196	280
Madison	11,000	10,725	2.8	778	742	239
Maries	7,551	7,800	3.6	529	441	161
Marion	28,638	28,700	0.3	2,410	1,831	(517)
Mercer	4,685	4,300	(7.6)	287	356	(316)
Miller	18,539	20,600	10.9	1,637	1,039	1,463
Mississippi	15,726	15,700	(0.1)	1,415	1,014	(427)
Moniteau	12,068	12,700	5.5	1,012	814	434
Monroe	9,716	9,500	(2.4)	753	613	(356)
Montgomery	11,537	11,400	(1.0)	844	802	(179)
Morgan	13,807	15,300	10.5	974	1,014	1,533
New Madrid	22,945	22,300	(2.7)	1,996	1,361	(1,280)
Newton	40,555	42,600	5.0	3,014	2,045	1,076
Nodaway	21,996	21,200	(3.5)	1,751	1,176	(1,371)
Oregon	10,238	9,900	(3.2)	547	685	(200)
Osage	12,014	12,100	0.9	954	637	(231)
Ozark	7,961	8,700	8.8	540	488	687
Pemiscot	24,987	24,100	(3.7)	2,224	1,669	(1,442)
Perry	16,784	17,000	1.2	1,351	918	(217)
Pettis	36,378	36,100	(0.6)	2,758	2,249	(787)
Phelps	33,633	34,300	2.0	2,481	1,775	(39)
Pike	17,568	16,800	(4.4)	1,403	1,048	(1,123)
Platte	46,341	50,100	8.1	3,762	1,330	1,327
Polk	18,822	20,200	7.2	1,316	1,202	1,264
Pulaski	42,011	43,300	3.1	4,115	1,088	(1,738)
Putnam	6,092	5,600	(8.3)	336	462	(366)
Ralls	8,984	8,900	(0.5)	679	437	(326)
Randolph	25,460	26,300	3.3	2,020	1,560	380
Ray	21,378	21,900	2.5	1,571	1,132	83
Reynolds	7,230	7,000	(3.1)	517	457	(290)
Ripley	12,458	12,800	3.0	812	809	339
St. Charles	144,107	172,800	19.9	14,859	4,104	17,938
St. Clair	8,622	8,400	(2.3)	553	676	(99)
St. Francois	42,600	44,000	3.2	3,411	2,629	618
St. Louis	974,177	992,100	1.8	74,236	41,609	(14,704)
Ste. Genevieve	15,180	15,600	2.5	1,186	702	(64)
Saline	24,919	24,500	(1.8)	1,906	1,682	(643)
Schuyler	4,979	4,600	(7.9)	324	349	(354)
Scotland	5,415	5,200	(4.3)	375	417	(173)
Scott	39,647	40,300	1.6	3,280	1,951	(676)
Shannon	7,885	8,000	1.1	656	434	(107)
Shelby	7,826	7,400	(5.7)	611	590	(447)
Stoddard	29,009	28,700	(1.1)	1,990	1,747	(552)
Stone	15,587	17,500	12.6	964	954	1,903
Sullivan	7,434	7,000	(5.7)	421	526	(329)
Taney	20,467	24,000	17.4	1,353	1,436	3,616
Texas	21,070	21,600	2.3	1,708	1,231	53
Vernon	19,806	19,600	(0.9)	1,484	1,196	(494)
Warren	14,900	17,400	17.1	1,332	854	2,022
Washington	17,983	18,700	4.1	1,577	941	81
Wayne	11,277	11,800	4.5	765	817	575
Webster	20,414	22,300	9.0	1,669	1,051	1,268
Worth	3,008	2,800	(8.1)	207	251	(164)
Wright	16,188	16,600	2.4	1,380	1,062	94
St. Louis City	452,804	428,700	(5.3)	42,757	33,752	(33,109)

1/ Numbers in parentheses denote decreases in population. Estimates are rounded to the nearest one hundred. Percent change figures are based on unrounded data. Migration is net migration.

Sources: U.S. Bureau of the Census, Missouri Center for Health Statistics and Missouri Division of Budget and Planning.

The 1986 Crop Season in Review

by Joseph Parsons

The year began warm and dry allowing farmers to complete late row crop harvesting. The unusually warm and dry January weather allowed some tillage to be done in the southern half of the state.

Across Missouri, February precipitation and temperatures were near average. The northeast and east central districts did, however, report over fifty percent of their area had surplus topsoil moisture.

By April first tillage work had begun. Spring planting was off to a good start during the first half of April even though there were some rain delays. The winter wheat crop was rated fifty percent poor on April first. Ice storms and a lack of snow cover contributed to the poor stands and some fields were total losses. Considerable wheat acreage was plowed up and planted to spring crops.

Spring planting continued to run ahead of normal in May. By mid-month reports of moisture shortages were frequent. Planting progress was a week to two and one-half weeks ahead of normal for various crops. Missouri's fickle spring weather quickly changed during the last half of May; heavy rains caused flooding in several areas. Tornadoes and severe weather in the Bootheel caused large areas to need replanting.

Topsoil moisture was mostly adequate through June. Conditions became drier as the month progressed. Hay harvest was ahead of normal; wheat and oat harvest were both progressing rapidly by the end of the month. Over 75 percent of the reduced wheat acreage had been harvested by the end of June.

Temperatures were mostly above normal through July. The Bootheel, which had been water logged during the spring, reported 100 percent of the area was short of topsoil moisture by the end of the month. Crop conditions were mostly fair to good, and development was about two weeks ahead of normal for most crops.

Cooler temperatures and rainfall in August helped crop expectations. By the end of the month crops were moving toward maturity ahead of normal with harvesting beginning in many areas. Most pastures were in fair condition; the poorer pastures were found in the southern counties.

September temperatures were below normal during the first half of the month and well above normal in the last half. Harvest progressed swiftly in the first half of the month, but slowed almost to a halt as fall rains came during the latter part of the month.

The rain continued during the first week of October. Temperatures were above normal around mid-month. Harvesting progress resumed, mostly on higher ground, during the remaining weeks of October. By the end of the month 61 percent of the corn crop was harvested, 34 percent of soybeans and 60 percent of grain sorghum. Harvest was about a week behind normal at this point.

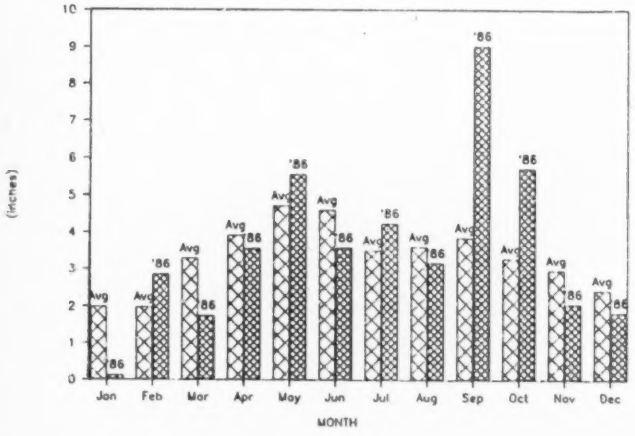
Damp, cool weather through November caused harvest progress to fall further behind. However, mid-month record breaking low temperatures allowed farmers into some low lying areas. At the end of November harvest of major crops was over two weeks behind normal.

Although rainfall during December was average for the most part, many fields remained muddy as harvest dragged on toward completion. Temperatures were well above normal for the most part. Livestock losses were mostly normal. The supply of hay was considered adequate by most.

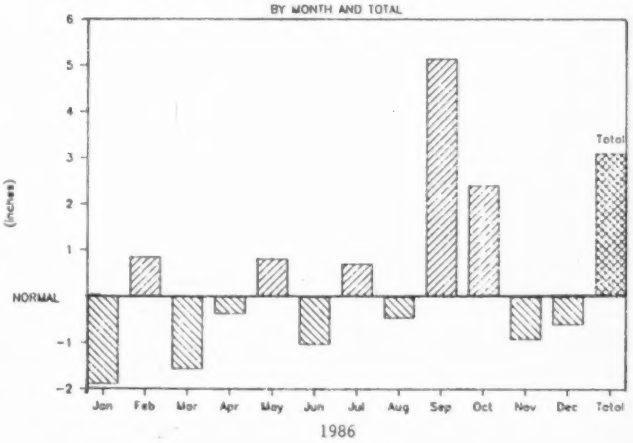
USUAL PLANTING AND HARVESTING DATES, By Crop and Principal Producing Areas, Missouri

CROP	USUAL PLANTING DATES	USUAL HARVESTING DATES			PRINCIPAL PRODUCING AREAS AND COUNTIES
		BEGIN	MOST ACTIVE	END	
CORN:					
GRAIN	APR 10 - JUN 10	SEP 5	SEP 25 - NOV 15	DEC 20	STATEWIDE
SILAGE	APR 10 - JUN 10	AUG 15	AUG 25 - SEP 15	SEP 25	STATEWIDE
FORAGE	APR 10 - JUN 10	AUG 15	AUG 25 - SEP 15	SEP 25	STATEWIDE
COTTON	APR 20 - JUN 1	SEP 20	OCT 1 - NOV 15	DEC 15	SOUTHEAST
HAY:					
ALFALFA		MAY 20		SEP 10	STATEWIDE
OTHER		MAY 20		SEP 20	STATEWIDE
OATS:					
SPRING	MAR 1 - APR 25	JUN 15	JUN 25 - JUL 15	JUL 25	STATEWIDE
RICE	APR 15 - MAY 30	AUG 25	SEP 1 - OCT 1	OCT 25	SOUTHEAST
RYE	AUG 15 - OCT 20	JUN 10	JUN 20 - JUL 10	JUL 10	STATEWIDE
SORGHUM:					
GRAIN	MAY 1 - JUL 1	SEP 10	SEP 25 - OCT 25	DEC 10	STATEWIDE
SILAGE	MAY 5 - JUL 1	AUG 15	AUG 25 - SEP 15	OCT 20	STATEWIDE
SOYBEANS	MAY 1 - JUL 10	SEP 15	OCT 5 - NOV 15	DEC 15	STATEWIDE
TOBACCO:					
TYPE 31	MAY 15 - JUN 10	AUG 20	AUG 25 - SEP 15	SEP 25	PLATTE, BUCHANAN
WHEAT:					
WINTER	SEP 20 - NOV 20	JUN 10	JUN 20 - JUL 10	JUL 20	STATEWIDE

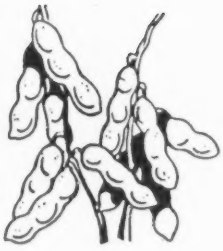
MONTHLY PRECIPITATION: Missouri

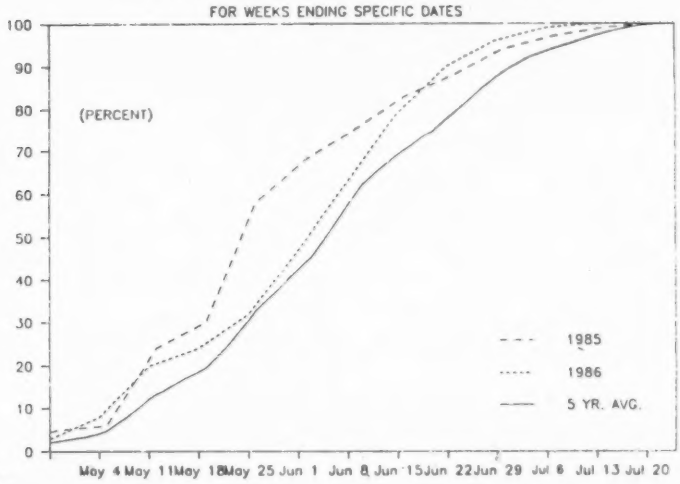


RAINFALL: Deviation from normal: Missouri



SOYBEANS PLANTED: Missouri

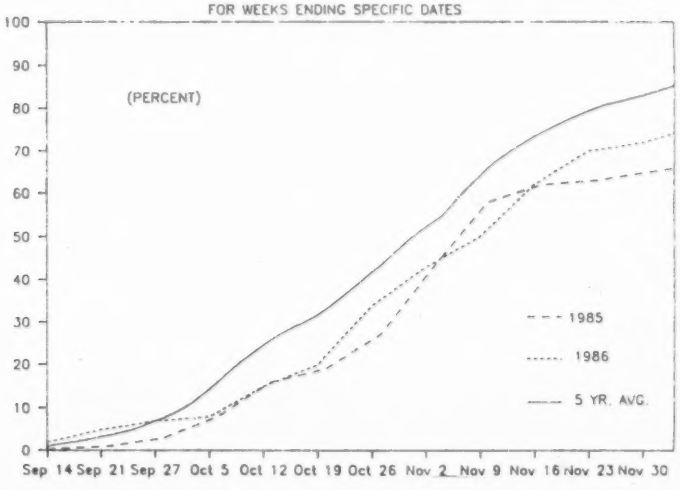




SOYBEANS PLANTED: For Weeks Ending Specific Dates, Missouri 1982-86

Year	May 4	May 11	May 18	May 25	Jun 1	Jun 8	Jun 15	Jun 22	Jun 29	Jul 6	Jul 13	Jul 20
						-percent-						
1982	5.3	14.7	26.6	35.9	43.3	44.9	47.0	54.4	77.0	89.0	95.4	100.0
1983	1.0	2.3	4.9	11.1	28.3	52.3	73.7	84.9	88.6	92.9	95.7	99.0
1984	1.0	2.4	8.7	19.6	27.3	52.6	64.1	71.4	82.6	90.3	96.3	99.4
1985	5.9	21.4	29.1	54.0	66.6	74.0	81.9	87.3	93.1	96.6	98.7	99.9
1986	8.0	20.0	24.0	32.0	47.0	63.0	79.0	90.0	96.0	99.0	100.0	100.0
5-Year	4.2	12.2	18.7	30.5	42.5	57.3	69.1	77.6	87.5	93.5	97.2	99.7

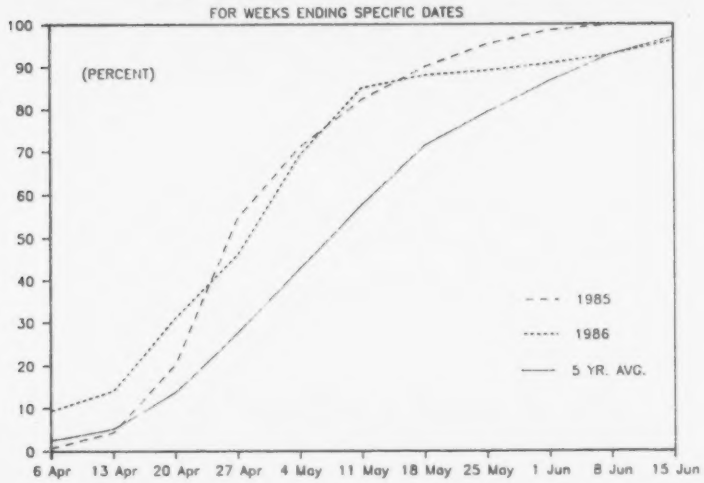
SOYBEANS HARVESTED: Missouri



SOYBEANS HARVESTED: For Weeks Ending Specific Dates, Missouri 1982-86

Year	Sep 14	Sep 21	Sep 28	Oct 5	Oct 12	Oct 19	Oct 26	Nov 2	Nov 9	Nov 16	Nov 23	Nov 30
						-percent-						
1982	1.0	1.6	3.9	8.6	17.9	30.7	51.6	71.4	82.3	89.1	92.9	96.0
1983	1.0	5.6	14.6	31.9	51.9	63.1	68.6	75.0	81.6	86.7	90.3	93.7
1984	1.0	3.4	6.9	15.9	23.3	26.4	29.1	31.4	49.9	67.7	81.3	88.6
1985	0.4	0.9	2.7	7.3	14.9	18.6	25.9	40.7	55.9	61.4	62.9	64.7
1986	2.0	5.0	7.0	8.0	15.0	20.0	34.0	43.0	50.0	62.0	70.0	72.0
5-Year	1.1	3.3	7.0	14.3	24.6	31.8	41.8	52.3	63.9	73.4	79.5	83.0

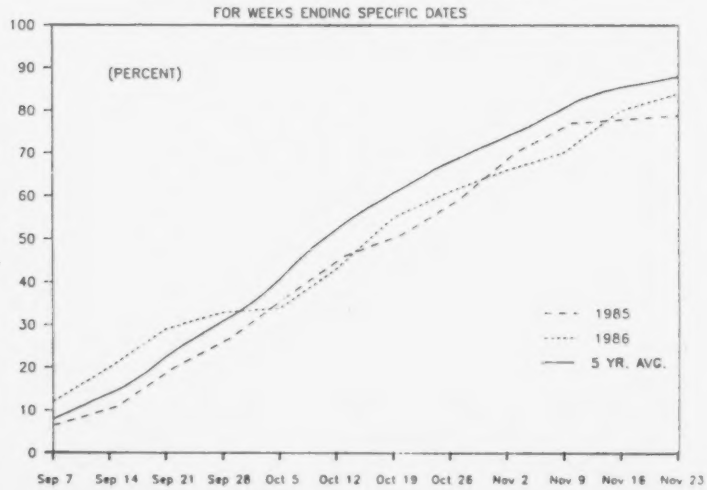
CORN PLANTED: Missouri



CORN PLANTED: For Weeks Ending Specific Dates, Missouri 1982-86

Year	Apr 6	Apr 13	Apr 20	Apr 27	May 4	May 11	May 18	May 25	Jun 1	Jun 8	Jun 15
						-percent-					
1982	1.9	5.7	12.9	26.0	48.7	71.4	81.4	85.3	86.3	89.0	95.5
1983	0.4	1.9	3.9	8.0	15.4	31.6	48.7	60.4	79.4	91.4	97.8
1984	0.0	0.0	0.7	3.9	10.0	18.4	48.9	67.1	78.6	91.3	95.7
1985	0.8	4.4	20.4	54.7	71.1	82.4	90.0	95.3	98.6	99.9	100.0
1986	9.3	14.0	31.0	46.0	69.0	85.0	88.0	89.0	90.6	92.7	96.0
5-Year	2.5	5.2	13.8	27.7	42.8	57.8	71.4	79.4	86.7	92.9	97.0

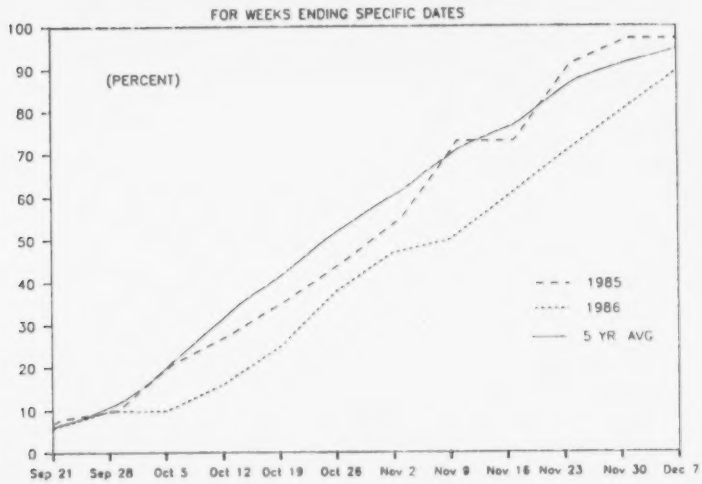
CORN HARVESTED: Missouri



CORN HARVESTED FOR GRAIN: For Weeks Ending Specific Dates, Missouri 1982-86

Year	Sep 7	Sep 14	Sep 21	Sep 28	Oct 5	Oct 12	Oct 19	Oct 26	Nov 2	Nov 9	Nov 16	Nov 23
						-percent-						
1982	4.0	9.6	13.3	20.7	28.7	41.1	53.6	66.4	72.9	82.0	87.6	89.9
1983	10.0	18.3	29.6	44.3	62.6	78.3	85.3	89.1	92.0	92.9	94.4	95.9
1984	6.9	10.9	21.3	30.0	42.0	53.1	58.9	64.3	69.6	81.0	87.1	90.9
1985	6.6	10.4	18.7	26.0	35.6	44.7	50.3	57.9	68.4	76.0	77.9	78.9
1986	12.0	20.0	29.0	33.0	34.0	43.0	55.0	61.0	66.0	70.0	80.0	84.0
5-Year	7.9	13.8	22.4	30.8	40.6	52.1	60.6	67.7	73.8	80.4	85.4	87.9

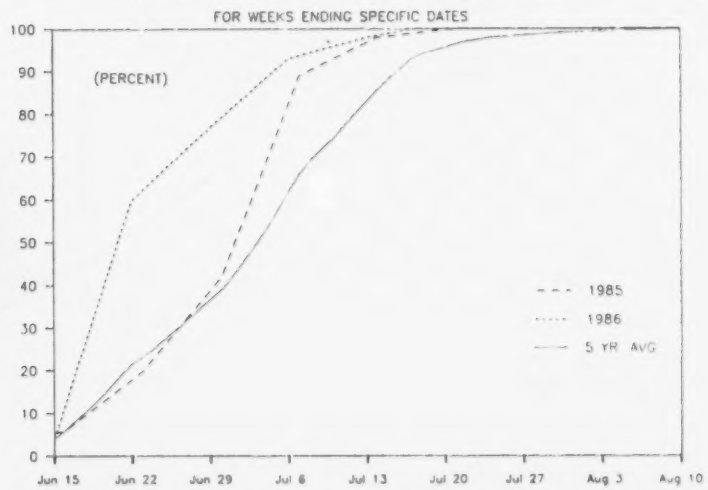
WIIEAT PLANTED: Missouri



WHEAT PLANTED: For Weeks Ending Specific Dates, Missouri, 1982-1986

Year	Sep 21	Sep 28	Oct 5	Oct 12	Oct 19	Oct 26	Nov 2	Nov 9	Nov 16	Nov 23	Nov 30	Dec 7
						-percent-						
1982	5.6	8.4	16.6	31.1	44.7	62.4	74.1	84.0	89.9	92.9	95.6	98.3
1983	5.6	15.0	30.3	48.1	62.4	71.3	80.0	85.7	89.7	93.3	95.9	97.6
1984	6.6	11.6	23.0	35.6	40.4	43.9	47.9	57.6	67.4	81.4	87.4	91.6
1985	7.0	9.7	19.4	27.0	34.9	43.7	53.6	70.0	73.0	88.4	96.1	97.0
1986	6.0	10.0	10.0	16.0	25.0	38.0	47.0	50.0	60.0	70.0	79.8	89.6
5-Year	6.1	10.9	19.9	31.6	41.5	51.9	60.5	69.5	76.0	85.2	91.0	94.8

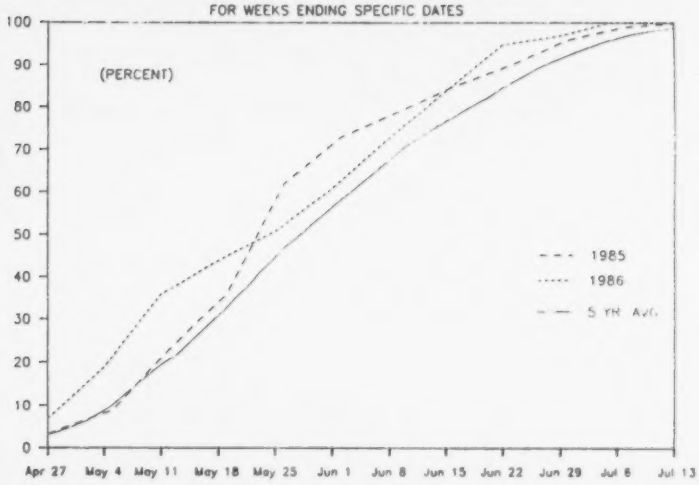
WHEAT HARVESTED: Missouri



WHEAT HARVESTED: For Weeks Ending Specific Dates, Missouri, 1982-1986

Year	Jun 15	Jun 22	Jun 29	Jul 6	Jul 13	Jul 20	Jul 27	Aug 3	Aug 10
					-percent-				
1982	7.0	14.6	23.3	37.9	67.1	87.0	93.4	97.6	99.3
1983	1.0	5.7	19.3	39.3	70.6	96.6	100.0	100.0	100.0
1984	3.1	10.4	25.9	58.1	82.6	95.1	99.4	100.0	100.0
1985	5.3	18.0	38.9	82.3	96.7	99.7	100.0	100.0	100.0
1986	4.0	60.0	77.0	93.0	98.0	100.0	100.0	100.0	100.0
5-Year	4.1	21.7	36.9	62.1	83.0	95.7	98.6	99.5	99.9

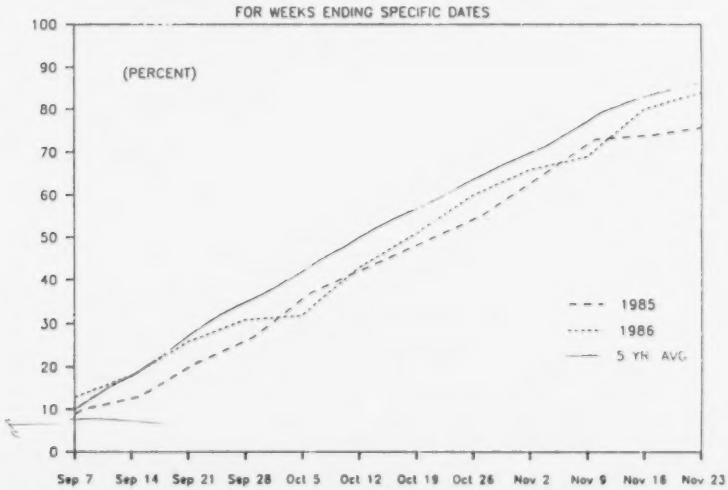
SORGHUM PLANTED: Missouri



SORGHUM PLANTED: For Weeks Ending Specific Dates, Missouri 1982-86

Year	Apr 27	May 4	May 11	May 18	May 25	Jun 1	Jun 8	Jun 15	Jun 22	Jun 29	Jul 6	Jul 13
						-percent-						
1982	3.4	12.1	29.0	43.3	54.9	57.0	57.6	59.6	65.6	80.1	90.0	96.1
1983	1.0	2.3	5.7	9.7	18.9	36.1	55.6	73.9	86.4	92.3	95.7	98.9
1984	0.6	3.1	6.1	24.1	41.7	57.4	74.9	82.9	87.6	93.3	97.9	99.7
1985	3.3	8.3	21.0	34.1	58.3	71.4	78.1	84.1	89.3	95.1	98.6	99.9
1986	7.0	19.0	36.0	44.0	51.0	61.0	73.0	84.0	95.0	97.0	100.0	100.0
5-Year	3.1	9.0	19.6	31.1	44.9	56.6	67.8	76.9	84.8	91.6	96.4	98.9

SORGHUM HARVESTED: Missouri



SORGHUM HARVESTED FOR GRAIN: For Weeks Ending Specific Dates, Missouri 1982-86

Year	Sep 7	Sep 14	Sep 21	Sep 28	Oct 5	Oct 12	Oct 19	Oct 26	Nov 2	Nov 9	Nov 16	Nov 23
						-percent-						
1982	10.3	23.6	31.7	37.4	41.0	43.3	51.9	61.0	68.9	78.6	86.1	89.9
1983	10.6	21.4	32.4	44.4	55.0	67.3	75.1	81.4	86.9	88.4	91.1	94.4
1984	7.4	14.6	26.6	35.7	46.6	54.3	58.1	61.9	65.1	77.4	84.1	88.6
1985	9.0	12.6	19.9	26.1	35.6	42.1	48.1	54.1	62.7	71.7	73.9	75.7
1986	13.0	18.0	26.0	31.0	32.0	43.0	51.0	60.0	66.0	69.0	80.0	84.0
5-Year	10.1	18.0	27.3	34.9	42.0	50.0	56.9	63.7	69.9	77.0	83.1	86.5

CLIMATOLOGICAL DATA: Precipitation, Snowfall and Average Temperatures, Selected Weather Stations, by Months, Missouri, 1986

Weather Station	Precipitation											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	-inches of water-											
Maryville	T	1.39	1.83	5.02	6.06	3.49	8.24	5.83	6.45	2.62	1.14	2.40
Brookfield	T	1.39	0.76	1.94	5.57	1.96	7.57	1.41	9.68	5.54	1.09	2.24
Kirksville	T	1.38	1.58	0.69	6.77	4.15	--	2.72	8.24	4.59	0.97	1.32
Kansas City 1/	0.02	1.25	1.34	2.12	4.76	2.48	8.36	3.16	10.40	3.17	1.18	1.20
Columbia 1/	0.05	4.10	1.16	2.67	5.33	1.98	3.43	3.01	9.58	6.02	2.31	2.05
St. Louis 1/	0.10	4.68	1.22	1.23	2.42	4.43	2.61	2.22	7.99	5.34	1.58	1.06
Springfield	0.09	1.95	2.07	3.83	3.05	3.23	1.29	4.82	11.65	4.11	2.85	1.25
West Plains	0.05	4.17	1.77	4.96	3.81	6.22	0.95	1.68	2.38	4.67	2.51	1.59
Poplar Bluff	0.19	2.98	3.07	6.12	5.08	4.18	4.15	2.02	0.96	3.25	2.29	1.76

Weather Station	Snowfall											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	-inches of snow-											
Maryville	T	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
Brookfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kirksville	0.0	0.0	T	0.0	0.0	0.0	M	0.0	0.0	0.0	2.0	1.0
Kansas City 1/	T	4.5	T	T	0.0	0.0	0.0	0.0	0.0	T	0.6	1.2
Columbia 1/	T	8.5	T	T	0.0	0.0	0.0	0.0	0.0	0.0	T	T
St. Louis 1/	1.0	6.1	0.2	T	0.0	0.0	0.0	0.0	0.0	0.0	T	T
Springfield	T	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.1
West Plains	T	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poplar Bluff	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Weather Station	Average Temperatures											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	-degrees Fahrenheit-											
Maryville	29.2	25.3	43.2	52.7	63.3	74.0	77.2	68.1	68.7	53.8	34.3	29.9
Brookfield	32.4	28.8	48.5	58.2	66.0	76.5	79.0	71.8	72.0	57.3	38.3	33.5
Kirksville	30.1	24.9	45.8	56.6	63.4	74.2	M	68.6	69.1	54.1	34.3	32.1
Kansas City 1/	34.5	30.5	48.5	57.1	65.2	76.5	79.7	72.0	71.8	56.9	37.9	34.5
Columbia 1/	33.6	32.7	48.2	58.2	66.0	76.0	80.2	71.7	71.4	57.2	39.3	34.6
St. Louis 1/	34.9	34.5	49.2	60.8	68.2	78.3	82.8	74.0	73.3	58.3	41.5	35.4
Springfield	36.6	37.6	49.6	58.0	65.4	75.8	82.0	73.8	71.9	57.4	41.6	36.3
West Plains	36.7	40.3	49.2	59.0	65.8	75.3	82.0	73.8	72.4	57.6	43.2	36.8
Poplar Bluff	35.5	41.6	49.7	62.0	69.1	78.6	83.8	76.0	74.6	60.0	44.3	37.3

Source: United States Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Data and Information Service

T-Trace
M-Missing Data
1/Airport

CROPS

1986 Missouri Crop Summary

by David Emslie

Conditions for crop growth and development were favorable through most of the growing season, with moderate temperatures and timely rains being conducive to good yields. Planting of spring crops began earlier than normal and was completed ahead of schedule in most areas. However, some replanting was necessary, mainly in the Bootheel, due to heavy rains and flooding in mid May. The favorable spring and summer seasons were followed by very heavy rains in late September and early October which caused significant losses. Harvesting was further delayed by continued wet weather and muddy fields. Many farmers in northern counties were still trying to complete harvest after the first of January. However, production remained higher than normal for most major crops, the exception being wheat.

Rainfall in Missouri averaged 43.38 inches during 1986, which was about one inch above normal. There was considerable variation by area, with Bates County having the highest annual rainfall of 60.18 inches, and Callaway, St. Louis and Texas Counties all receiving less than thirty inches for the year. Rainfall in the northern half of the State was significantly heavier than normal during the fall harvest season. In addition to delaying harvesting, wet weather prevented acreage intended for winter wheat from being seeded.

Corn production in 1986 totaled 281 million bushels, three percent above 1985 production. There were 2.42 million acres harvested, down two percent from the previous year. A record high yield of 116 bushels was achieved, six bushels above the previous record set in 1985. The total value of grain production, $393 million, was down 38 percent from 1985 as lower prices prevailed. Corn silage production totaled 1.08 million tons, twenty percent less than last year and the lowest since 1958. The State average yield was 13.5 tons, the same as in 1985.

Missouri ranked third nationally in both acreage and production of soybeans. Total value of the soybean crop was $799 million, down eleven percent from a year ago. Production, at 178 million bushels, was down two percent from a year earlier. The state yield averaged 33.5 bushels, down one bushel from the record high yield in 1985. Harvested acres totaled 5.3 million, up one percent from the previous year. About 200,000 acres of soybeans were lost, mainly due to flooding, in September and October. Although most of the bean crop reached maturity earlier than normal, harvest was far behind normal due to wet weather. About thirteen percent of the crop was still unharvested in early January.

Wet weather through most of the fall seeding season of 1985 restricted wheat planting to 1.05 million acres. This was thirty percent less than the previous year and the lowest seeded acreage since 1978. After having a late start with too much moisture, the crop suffered severe damage from ice and very low temperatures without snow cover. Only 570,000 acres survived for harvest, the lowest since 1867. The average yield of thirty-three bushels was six bushels below the previous year. Total value was $44.2 million, seventy percent less than the 1985 crop value.

Grain sorghum production totaled 92.3 million bushels, down twenty-one percent from 1985. There were 1.14 million acres harvested for grain, nineteen percent less than last year. The average yield of 81 bushels was two bushels below the 1985 record high. Quality of sorghum suffered more than other crops during the extended period of wet fall weather and sprout damage was common in the northern half of the State. Sharp price discounts accompanied the loss of quality. Total value of sorghum harvested for grain decreased fifty-six percent to $114 million. Production of sorghum silage continued its decline to 115,000 tons, the lowest since 1933. The 10,000 acres harvested for silage averaged 11.5 tons per acre.

Missouri rice farmers had a record high yield of 5,120 pounds (114.3 bushels) per acre. Sixty-seven thousand acres of rice were harvested for total production of 3,434,000 hundredweight. Harvested acres and production were down seven percent, and one percent, respectively, from 1985.

Total hay production in 1986 totaled 6.03 million tons, seven percent less than in 1985. The number of acres harvested, 3.4 million, was unchanged from 1985, while the average yield declined from 1.92 tons in 1985 to 1.77 tons per acre in 1986. About 12.5 percent (420,000 acres) of the total acreage harvested was alfalfa hay, seven percent less than in 1985. Average yield was three tons per acre. Acreage of other types of hay increased one percent from last year and totaled 2.98 million acres, with an average yield of 1.6 tons per acre. Production totaled 4.77 million tons which was eight percent less than 1985 production.

Cotton production totaled 196,000 bales, down four percent from last year. There were 160,000 acres harvested, up seven percent from 1985. The average yield of 588 pounds per acre was far below the 1985 yield of 653 pounds per acre. Most cotton was harvested earlier than normal, but completion of harvest was delayed by wet weather. Value of the cotton crop was estimated at $48.5 million, down thirteen percent from 1985. Cottonseed production totaled 81,000 tons, with an estimated value of $5.10 million.

Tobacco production totaled 4.39 million pounds, nineteen percent less than last year. Harvested acreage decreased from 2,500 acres in 1985 to 2,100 acres in 1986. Yield averaged 2,090 pounds compared with 2,180 pounds in 1985. Estimated value of production at $6.79 million declined twenty-one percent from last year.

CROP RECORDS FOR MISSOURI: Acreage, Yield, Production

Crop	Date Series Began	Record	Acreage Harvested -thousands-	Year 1/	Yield Per Acre	Year 1/	Total Production -thousands-	Year 1/	Unit
Corn for Grain 2/	1919	High	5,993	1925	116.0	1986	280,720	1986	bu.
		Low	1,430	1983	9.3	1934	14,145	1934	bu.
Corn for Silage	1919	High	667	1954	14.0	1981	3,141	1964	tons
		Low	32	1926	2.7	1934	198	1935	tons
Soybeans for Beans	1924	High	5,830	1979	34.5	1985	183,645	1979	bu.
		Low	44	1925	5.0	1936	255	1936	bu.
Sorghum for Grain 3/	1929	High	1,410	1985	83.0	1985	117,030	1985	bu.
		Low	23	1951	6.4	1936	167	1936	bu.
Sorghum for Silage	1929	High	144	1957	13.0	1981	1,408	1958	tons
		Low	8	1929	4.1	1936	46	1929	tons
Winter Wheat 4/	1909	High	4,565	1919	44.0	1979	115,500	1981	bu.
		Low	570	1986	8.5	1916	9,035	1942	bu.
Rye	1866	High	107	1919	27.0	1985	1,326	1954	bu.
		Low	2	1983	7.0	1901	48	1983	bu.
Oats	1866	High	2,250	1943	55.0	1985	59,427	1942	bu.
		Low	32	1978	10.0	1901	1,280	1978	bu.
Cotton 5/	1879	High	600	1949	653.0	1985	508	1959	bales
		Low	32	1879	127.0	1895	12	1895	bales
Rice	1924	High	80	1982	5,120	1986	3,582	1982	cwt.
		Low	1	1924	1,125	1927	22	1924	cwt.
Tobacco	1866	High	29.0	1877	2,600.0	1970	28,420	1876	lbs.
		Low	1.9	1973	505.0	1887	2,340	1918	lbs.
All Hay	1909	High	3,914	1945	1.99	1968	6,584	1981	tons
		Low	2,442	1937	.51	1911	1,567	1911	tons
Alfalfa Hay	1924	High	850	1969	3.10	1968	2,493	1967	tons
		Low	120	1930	1.50	1936	216	1930	tons
All Other Hay	1924	High	3,600	1945	1.75	1985	5,163	1985	tons
		Low	1,982	1959	.53	1934	1,402	1936	tons
Cottonseed	1879	High	---	---	---	---	213	1948	tons
		Low	---	---	---	---	5	1895	tons
Apples Commercial	1934	High	---	---	---	---	116,592	1937	lbs.
		Low	---	---	---	---	17,934	1936	lbs.
Peaches	1899	High	---	---	---	---	192,000	1906	lbs.
		Low	---	---	---	---	6/	1985	lbs.
Grapes	1909	High	---	---	---	---	11.2	1931	tons
		Low	---	---	---	---	.9	1985	tons

1/ These are the latest years that records were achieved. In some cases these records were equaled in several earlier years.
2/ Between 1866 and 1919, corn for grain was included in all corn estimates.
3/ Between 1919 and 1929, sorghum for grain was included in all sorghum estimates.
4/ Between 1866 and 1909, winter wheat was included in all wheat estimates.
5/ Yield measured in pounds.
6/ No significant commercial production due to frost.

CORN: Acreage, Yield, Production and Value, Missouri, 1982-86

Crop Year	All Corn			Harvested For Grain		
	Planted	Harvested	Abandoned 1/	Acres	Yield Per Acre	Production
	-thousand acres-			-thousands-	-bushels-	-thous bushels-
1982	2,130	2,090	40	1,970	101.0	198,970
1983	1,700	1,655	45	1,430	51.0	72,930
1984	2,100	2,060	40	1,930	80.0	154,400
1985	2,600	2,580	20	2,480	110.0	272,800
1986	**2,550**	**2,500**	**50**	**2,420**	**116.0**	**280,720**

Crop Year	Value of Corn for Grain 2/		Harvested for Silage		
	Per Bushel	Total	Acres	Yield Per Acre	Production
	-dollars-	-thous dol-	-thousands-	-tons-	-thousand tons-
1982	2.73	543,188	120	13.0	1,560
1983	3.40	247,962	225	8.0	1,800
1984	2.68	413,792	130	11.0	1,430
1985	2.34	638,352	100	13.5	1,350
1986	**1.40**	**393,008**	**80**	**13.5**	**1,080**

SORGHUM: Acreage, Yield, Production and Value, Missouri, 1982-86

Crop Year	All Sorghum			Harvested For Grain		
	Planted	Harvested	Abandoned 1/	Acres	Yield Per Acre	Production
	-thousand acres-			-thousands-	-bushels-	-thous bushels-
1982	880	857	23	830	77.0	63,910
1983	740	716	24	690	58.0	40,020
1984	1,400	1,350	50	1,330	69.0	91,770
1985	1,450	1,424	26	1,410	83.0	117,030
1986	**1,200**	**1,150**	**50**	**1,140**	**81.0**	**92,340**

Crop Year	Value of Sorghum for Grain 2/		Harvested for Silage		
	Per Bushel	Total	Acres	Yield Per Acre	Production
	-dollars-	-thous dol-	-thousands-	-tons-	-thousand tons-
1982	2.20	140,602	27	12.0	324
1983	2.97	118,859	26	8.0	208
1984	2.30	211,071	20	8.5	170
1985	2.22	259,807	14	10.5	147
1986	**1.23**	**113,578**	**10**	**11.5**	**115**

1/ Includes all acreage not harvested for silage or grain.

2/ Prices prior to 1986 include allowances for crops under loan valued at the loan rate.

FIELD CROPS: Acreage, Yield, Production and Value, Missouri, 1982-86

Crop Year	Acreage Planted	Acreage Harvested	Unit	Yield Per Acre	Production	Value 1/ Per Unit	Value 1/ Total
	-thousands-				-thous units-	-dollars-	-thous dol-
				-Wheat-			
1982	2,500	2,200	Bu.	34.0	74,800	2.99	223,652
1983	2,200	1,850	Bu.	38.0	70,300	3.39	238,317
1984	2,350	2,050	Bu.	41.0	84,050	3.19	268,120
1985	1,500	1,280	Bu.	39.0	49,920	2.94	146,765
1986	**1,050**	**570**	**Bu.**	**33.0**	**18,810**	**2.35**	**44,204**
				-All Soybeans-			
1982	5,800	5,700	Bu.	30.0	171,000	5.61	959,310
1983	5,300	5,150	Bu.	20.0	103,000	7.84	807,520
1984	5,500	5,300	Bu.	20.5	108,650	5.78	627,997
1985	5,300	5,230	Bu.	34.5	180,435	4.96	894,958
1986	**5,500**	**5,300**	**Bu.**	**33.5**	**177,550**	**4.50**	**798,975**
				-Soybeans, single crop-			
1982	4,940	4,855	Bu.	30.8	149,630	----	-------
1983	4,500	4,425	Bu.	20.6	91,200	----	-------
1984	4,740	4,610	Bu.	20.8	95,900	----	-------
1985	4,830	4,775	Bu.	35.4	168,865	----	-------
1986	**5,220**	**5,030**	**Bu.**	**33.8**	**170,000**	**----**	**-------**
				-Soybeans, double crop-			
1982	860	845	Bu.	25.3	21,370	----	-------
1983	800	725	Bu.	16.3	11,800	----	-------
1984	760	690	Bu.	18.5	12,750	----	-------
1985	470	455	Bu.	25.4	11,570	----	-------
1986	**280**	**270**	**Bu.**	**28.0**	**7,550**	**----**	**-------**
				-Cotton Lint 2/-			
1982	154	151	Lb.	648	204	59.20	57,969
1983	108	93	Lb.	377	73	68.50	24,002
1984	164	162	Lb.	554	187	57.90	51,971
1985	152	150	Lb.	653	204	56.80	55,619
1986	**178**	**160**	**Lb.**	**588**	**196**	**51.50**	**48,451**
				-Cottonseed-			
1982	---	---	Ton	---	78.0	62.00	4,836
1983	---	---	Ton	---	29.0	162.00	4,698
1984	---	---	Ton	---	72.0	86.50	6,228
1985	---	---	Ton	---	80.0	52.00	4,160
1986	**---**	**---**	**Ton**	**---**	**81.0**	**63.00**	**5,103**
				-Oats-			
1982	120	78	Bu.	42.0	3,276	2.10	6,880
1983	110	54	Bu.	47.0	2,538	2.15	5,457
1984	65	33	Bu.	48.0	1,584	2.25	3,564
1985	170	105	Bu.	55.0	5,775	1.33	7,681
1986	**190**	**100**	**Bu.**	**50.0**	**5,000**	**1.05**	**5,250**

1/ Prices prior to 1986 include allowances for crops under loan valued at the loan rate.

2/ Cotton production in 480 pound bales, price in cents per pound.

FIELD CROPS: Acreage, Yield, Production and Value, Missouri, 1982-86 (Cont.)

Crop Year	Acreage		Unit	Yield Per Acre	Production	Value	
	Planted	Harvested				Per Unit	Total
	-thousands-				-thous units-	-dollars-	-thous dol-
				-Rye-			
1982	35	3	Bu.	24.0	72	3.00	216
1983	30	2	Bu.	24.0	48	3.10	149
1984	47	3	Bu.	25.0	75	3.00	225
1985	38	3	Bu.	27.0	81	2.50	203
1986	**20**	**3**	**Bu.**	**20.0**	**60**	**1.75**	**105**
				-Rice 1/-			
1982	80	80	Cwt.	4,480	3,582	8.65	30,984
1983	63	62	Cwt.	4,090	2,534	9.49	24,048
1984	77	76	Cwt.	4,600	3,493	8.70	30,389
1985	72	72	Cwt.	4,810	3,463	7.05	24,414
1986	**68**	**67**	**Cwt.**	**5,120**	**3,434**	**3.80 2/**	**13,049 3/**
				-Tobacco 4/-			
1982	---	3,000	Lb.	1,980	5,940	1.795	10,662
1983	---	3,100	Lb.	2,070	6,417	1.790	11,486
1984	---	2,900	Lb.	2,015	5,844	1.857	10,852
1985	---	2,500	Lb.	2,180	5,450	1.580	8,611
1986	**---**	**2,100**	**Lb.**	**2,090**	**4,389**	**1.548**	**6,794**
				-All Hay-			
1982	---	3,230	Ton	1.90	6,139	58.00	356,062
1983	---	3,160	Ton	1.72	5,440	67.50	367,200
1984	---	3,450	Ton	1.84	6,338	69.00	437,322
1985	---	3,400	Ton	1.92	6,513	60.50	394,037
1986	**---**	**3,400**	**Ton**	**1.77**	**6,028**	**55.00**	**331,540**
				-Alfalfa Hay-			
1982	---	540	Ton	2.90	1,566	---	---
1983	---	480	Ton	2.40	1,152	---	---
1984	---	450	Ton	2.75	1,238	---	---
1985	---	450	Ton	3.00	1,350	---	---
1986	**---**	**420**	**Ton**	**3.00**	**1,260**	**---**	**---**
				-All Other Hay-			
1982	---	2,690	Ton	1.70	4,573	---	---
1983	---	2,680	Ton	1.60	4,288	---	---
1984	---	3,000	Ton	1.70	5,100	---	---
1985	---	2,950	Ton	1.75	5,163	---	---
1986	**---**	**2,980**	**Ton**	**1.60**	**4,768**	**---**	**---**

1/ Rice yield is in pounds.
2/ Average U.S. price for 1986 marketing year.
3/ Value based on U.S. price.
4/ Tobacco acreage in acres, not thousand acres.

SOYBEAN PRODUCTION,
By Counties, 1986
Top Ten Counties

Audrain	5,718,000 bu
Nodaway	5,698,000 bu
Carroll	5,473,000 bu
Chariton	5,237,000 bu
Saline	5,205,000 bu
Mississippi	5,117,000 bu
New Madrid	5,017,000 bu
Atchison	5,008,000 bu
Stoddard	4,951,000 bu
Pemiscot	4,378,000 bu

Over 2,750,000 bu.

1,500,000–2,574,999 bu.

100,000–1,499,999 bu.

under 100,000 bu.

SOYBEANS: By Cropping Practice, Missouri, 1985-86

Cropping Practice	Planted Acres		Harvested Acres		Yield		Production	
	1985	1986	1985	1986	1985	1986	1985	1986
	-thousands-				-bushels-		-thous. bu.-	
Single-Crop								
In Rows	3,845	4,085	3,800	3,925	35.4	34.1	134,640	133,780
Drilled or Broadcast	985	1,135	975	1,105	35.1	32.8	34,225	36,220
All Single-Crop	4,830	5,220	4,775	5,030	35.4	33.8	168,865	170,000
Double-Crop								
In Rows	360	227	348	219	25.9	28.5	9,010	6,240
Drilled or Broadcast	110	53	107	51	23.9	25.7	2,560	1,310
All Double-Crop	470	280	455	270	25.4	28.0	11,570	7,550
All Soybeans in Rows	4,205	4,312	4,148	4,144	34.6	33.8	143,650	140,020
All Drilled or Broadcast	1,095	1,188	1,082	1,156	34.0	32.5	36,785	37,530
Total All Soybeans	5,300	5,500	5,230	5,300	34.5	33.5	108,435	177,550

SINGLE AND DOUBLE CROP SOYBEANS: Acreage, Yield and Production, By Districts, Missouri, 1985-86

District	Single Crop						Double Crop					
	Acres Harvested		Yield		Production		Acres Harvested		Yield		Production	
	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986
	-thous-		-bu-		-thous bu-		-thous-		-bu-		-thous bu-	
NW	1,035	1,108	36.8	38.6	38,074	42,727	44	6	17.5	27.0	770	162
NC	841	938	35.3	33.0	29,712	30,993	45	3	19.0	20.0	855	60
NE	847	903	36.6	31.6	30,962	28,496	34	5	22.2	21.2	755	106
WC	424	472	32.1	35.2	13,624	16,625	64	14	23.5	27.5	1,504	385
C	407	445	37.6	37.7	15,297	16,784	35	9	23.9	26.8	836	241
EC	261	193	35.4	33.4	9,252	6,445	25	19	24.6	23.4	615	445
SW	112	142	28.4	25.9	3,185	3,684	62	42	24.4	24.0	1,513	1,008
SC	32	32	25.1	25.7	803	823	3	3	24.0	23.0	72	69
SE	816	797	34.3	29.4	27,956	23,423	143	169	32.5	30.0	4,650	5,074
STATE	4,775	5,030	35.4	33.8	168,865	170,000	455	270	25.4	28.0	11,570	7,550

SOYBEANS: Distribution Percentage by Row Width, Missouri, 1982-86 1/

Year	Number of Samples	Row Width (inches)					Average Row Width
		10.0 & Less	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & Greater	
		-percent of plots-					-inches-
1982	147	22.1	5.8	4.1	35.7	32.3	27.7
1983	153	26.5	8.5	4.9	38.6	21.6	26.1
1984	155	28.7	5.5	6.5	41.6	17.7	25.0
1985	144	25.7	4.5	5.2	47.2	17.4	25.7
1986	**140**	**15.4**	**2.9**	**6.1**	**54.5**	**21.1**	**27.6**

1/ Based on Soybean Objective Yield Survey.

SOYBEANS: Varieties By Districts, Missouri, 1986

Variety	NW	NC	NE	WC	C	EC	SW	SC	SE	STATE
	-percent-									
Public Varieties										
Williams	60.6	69.4	62.8	45.2	56.0	47.9	8.0	9.8	1.4	49.6
Forrest	.1	----	----	----	----	----	----	6.3	21.7	4.1
Union	0.8	2.5	8.5	4.8	5.4	3.1	----	----	0.2	3.2
Essex	----	----	----	4.2	0.9	11.5	41.4	38.8	2.3	1.5
Others	4.8	3.6	2.7	8.3	1.5	3.3	36.4	6.3	8.5	4.9
Private Varieties										
Asgrow	12.0	9.6	6.6	1.9	3.9	13.1	8.4	38.8	59.4	18.2
Rohm & Haas	1.2	3.9	2.6	8.3	4.9	3.4	2.5	----	4.9	3.4
Pioneer	4.3	3.7	6.3	3.6	1.4	3.8	2.4	----	1.4	3.8
DeKalb	2.5	1.8	2.0	5.4	10.3	4.0	----	----	----	2.5
Merschman	1.8	0.1	2.2	6.6	5.3	5.2	0.9	----	----	1.8
Others	11.9	5.4	6.3	11.7	10.4	4.7	----	----	0.2	7.0

SOYBEANS: Acreage, Yield, Production and Value,
By Counties, Missouri, 1985-86

County	1985				1986			
	Harvested	Yield per Acre	Production	Total Value	Harvested	Yield per Acre	Production	Total Value
	-acres-	- bushels -		-thous dol-	-acres-	- bushels -		-thous dol-
ADAIR	52,000	34.4	1,787,000	8,738.0	53,800	32.9	1,768,000	7,832.0
ANDREW	69,100	36.2	2,502,000	12,235.0	74,500	38.1	2,839,000	12,577.0
ATCHISON	110,500	41.8	4,620,000	22,592.0	112,000	44.7	5,008,000	22,185.0
AUDRAIN	169,500	36.7	6,224,000	31,182.0	170,500	33.5	5,718,000	26,017.0
BARRY	3,400	23.2	78,900	384.1	3,300	21.0	69,200	305.3
BARTON	81,200	29.0	2,351,000	11,449.0	89,700	29.3	2,632,000	11,607.0
BATES	84,300	26.4	2,222,000	10,865.0	74,400	33.3	2,480,000	11,061.0
BENTON	14,700	30.8	453,000	2,220.0	16,600	39.6	658,000	2,935.0
BOLLINGER	15,200	27.0	411,000	2,051.0	15,200	24.1	367,000	1,677.0
BOONE	49,300	35.4	1,747,000	8,560.0	50,400	32.6	1,643,000	7,328.0
BUCHANAN	54,000	37.6	2,032,000	9,936.0	53,900	40.9	2,207,000	9,777.0
BUTLER	71,800	30.1	2,164,000	11,059.0	74,500	26.8	1,993,000	9,307.0
CALDWELL	63,300	35.1	2,221,000	10,861.0	63,200	33.0	2,087,000	9,245.0
CALLAWAY	50,400	37.8	1,904,000	9,330.0	50,900	35.1	1,787,000	7,970.0
CAMDEN *								
CAPE GIRARDEAU	48,900	33.2	1,622,000	8,289.0	46,000	31.7	1,456,000	6,800.0
CARROLL	143,500	37.0	5,307,000	25,951.0	156,500	35.0	5,473,000	24,245.0
CARTER *								
CASS	66,200	30.9	2,047,000	10,010.0	70,900	36.9	2,614,000	11,659.0
CEDAR	6,400	24.4	156,000	763.0	6,600	24.8	164,000	731.0
CHARITON	136,500	37.1	5,062,000	24,753.0	148,500	35.3	5,237,000	23,200.0
CHRISTIAN *								
CLARK	82,100	32.3	2,653,000	13,292.0	80,400	32.5	2,615,000	11,898.0
CLAY	26,900	32.3	870,000	4,254.0	27,800	39.2	1,090,000	4,829.0
CLINTON	47,300	37.3	1,765,000	8,631.0	50,400	38.6	1,946,000	8,621.0
COLE	6,200	34.7	215,300	1,055.0	2,800	31.9	89,400	398.7
COOPER	55,000	36.6	2,011,000	9,854.0	58,400	37.4	2,185,000	9,745.0
CRAWFORD *								
DADE	25,800	25.8	666,000	3,243.0	24,800	23.3	579,000	2,553.0
DALLAS *								
DAVIESS	100,500	34.0	3,415,000	16,699.0	102,000	37.2	3,795,000	16,812.0
DEKALB	50,900	35.8	1,822,000	8,910.0	53,600	36.0	1,928,000	8,541.0
DENT	1,000	28.5	28,500	142.3	1,000	27.4	27,400	125.0
DOUGLAS *								
DUNKLIN	109,500	33.8	3,697,000	18,894.0	117,500	24.6	2,885,000	13,473.0
FRANKLIN	16,700	31.8	531,000	2,676.0	10,400	32.1	334,000	1,533.0
GASCONADE	5,600	30.0	168,000	846.7	4,100	30.7	126,000	578.5
GENTRY	65,700	33.1	2,172,000	10,621.0	69,200	39.8	2,757,000	12,214.0
GREENE	1,300	28.2	36,700	178.6	1,400	24.9	34,900	153.9
GRUNDY	90,500	31.0	2,808,000	13,731.0	92,400	32.2	2,972,000	13,166.0
HARRISON	80,700	30.6	2,473,000	12,093.0	80,100	34.2	2,743,000	12,151.0
HENRY	47,400	32.0	1,518,000	7,423.0	44,800	33.7	1,511,000	6,739.0
HICKORY	1,200	25.8	30,900	151.4	1,100	30.1	33,100	147.6
HOLT	108,500	38.6	4,193,000	20,504.0	110,000	38.3	4,214,000	18,668.0
HOWARD	39,900	35.6	1,422,000	6,968.0	40,700	37.6	1,531,000	6,828.0
HOWELL *								
IRON *								
JACKSON	35,500	35.9	1,274,000	6,230.0	37,600	37.7	1,417,000	6,320.0
JASPER	40,200	26.0	1,046,000	5,094.0	41,800	21.5	897,000	3,956.0
JEFFERSON	8,300	30.4	252,000	1,270.0	7,400	29.5	218,000	1,001.0
JOHNSON	55,000	32.4	1,784,000	8,724.0	53,500	35.5	1,897,000	8,461.0
KNOX	81,900	38.5	3,154,000	15,802.0	87,900	33.3	2,930,000	13,332.0
LACLEDE	600	23.5	14,100	69.1	550	23.1	12,700	56.7
LAFAYETTE	92,300	38.3	3,536,000	17,291.0	97,200	39.5	3,840,000	17,127.0
LAWRENCE	9,700	24.2	235,000	1,145.0	10,700	20.1	215,000	948.4
LEWIS	77,700	35.2	2,736,000	13,707.0	82,700	30.8	2,548,000	11,593.0
LINCOLN	54,300	36.7	1,995,000	10,055.0	47,400	31.1	1,473,000	6,761.0
LINN	81,700	34.8	2,840,000	13,888.0	82,700	31.6	2,610,000	11,562.0
LIVINGSTON	111,000	32.5	3,612,000	17,663.0	113,000	32.6	3,680,000	16,302.0
MCDONALD *								

SOYBEANS: Acreage, Yield, Production and Value,
By Counties, Missouri, 1985-86

County	1985				1986			
	Harvested	Yield per Acre	Production	Total Value	Harvested	Yield per Acre	Production	Total Value
	-acres-	- bushels -		-thous dol-	-acres-	- bushels -		-thous dol-
MACON	89,700	35.1	3,145,000	15,379.0	99,400	30.1	2,988,000	13,237.0
MADISON	700	24.4	17,100	85.4	700	33.4	23,400	106.6
MARIES	1,000	26.6	26,600	130.3	950	26.1	24,800	110.6
MARION	64,000	36.5	2,337,000	11,708.0	65,100	31.8	2,071,000	9,423.0
MERCER	36,800	34.9	1,283,000	6,274.0	39,600	36.4	1,440,000	6,379.0
MILLER	1,600	27.6	44,100	216.1	1,700	32.2	54,700	244.0
MISSISSIPPI	140,000	34.1	4,769,000	24,372.0	144,000	35.5	5,117,000	23,897.0
MONITEAU	16,600	33.1	549,000	2,690.0	11,600	33.6	390,000	1,740.0
MONROE	94,300	36.5	3,443,000	17,249.0	99,400	28.5	2,831,000	12,881.0
MONTGOMERY	59,600	34.3	2,044,000	10,302.0	56,800	32.5	1,846,000	8,473.0
MORGAN	9,800	34.7	340,000	1,666.0	10,500	33.6	353,000	1,574.0
NEW MADRID	179,500	34.3	6,151,000	31,435.0	179,500	27.9	5,017,000	23,429.0
NEWTON	11,500	23.0	264,000	1,286.0	11,400	21.6	246,000	1,085.0
NODAWAY	136,000	37.7	5,132,000	25,095.0	144,500	39.4	5,698,000	25,242.0
OREGON *								
OSAGE	6,100	32.1	196,000	960.4	2,600	31.4	81,600	363.9
OZARK *								
PEMISCOT	170,000	36.7	6,235,000	31,864.0	165,500	26.5	4,378,000	20,445.0
PERRY	28,800	32.4	933,000	4,702.0	25,100	36.6	919,000	4,218.0
PETTIS	70,500	35.7	2,519,000	12,343.0	75,000	37.8	2,836,000	12,649.0
PHELPS	800	26.5	21,200	103.8	800	27.0	21,600	96.4
PIKE	72,600	36.2	2,629,000	13,171.0	76,500	30.9	2,365,000	10,761.0
PLATTE	45,100	33.8	1,523,000	7,447.0	49,500	36.8	1,821,000	8,067.0
POLK	3,000	25.5	76,500	374.8	3,200	27.9	89,200	397.8
PULASKI	700	26.6	18,600	91.1	650	25.5	16,600	74.0
PUTNAM	26,500	30.7	814,000	3,981.0	28,100	33.6	943,000	4,178.0
RALLS	79,900	35.5	2,838,000	14,218.0	80,800	29.8	2,408,000	10,956.0
RANDOLPH	50,400	33.6	1,691,000	8,269.0	55,600	30.5	1,694,000	7,505.0
RAY	93,500	35.3	3,302,000	16,147.0	94,500	39.3	3,717,000	16,466.0
REYNOLDS *								
RIPLEY	11,000	22.5	247,000	1,232.0	10,900	25.0	273,000	1,248.0
ST CHARLES	62,900	36.0	2,266,000	11,421.0	29,000	35.4	1,027,000	4,714.0
ST CLAIR	21,300	26.9	574,000	2,807.0	21,300	29.3	624,000	2,783.0
ST FRANCOIS	1,200	30.0	36,000	181.4	1,100	30.5	33,500	154.0
ST LOUIS	14,200	34.9	496,000	2,500.0	8,800	25.7	226,000	1,037.0
STE GENEVIEVE	8,000	35.4	283,000	1,426.0	5,400	33.0	178,000	817.0
SALINE	114,000	39.7	4,530,000	22,197.0	125,000	41.6	5,205,000	23,214.0
SCHUYLER	22,200	34.5	765,000	3,741.0	25,200	31.3	790,000	3,500.0
SCOTLAND	60,100	34.3	2,062,000	10,331.0	62,200	31.8	1,979,000	9,005.0
SCOTT	87,300	32.7	2,851,000	14,570.0	84,000	32.1	2,700,000	12,609.0
SHANNON *								
SHELBY	98,900	36.8	3,641,000	18,241.0	102,500	30.6	3,137,000	14,273.0
STODDARD	152,000	33.7	5,117,000	26,150.0	155,000	31.9	4,951,000	23,121.0
STONE *								
SULLIVAN	45,200	32.1	1,453,000	7,105.0	46,200	31.6	1,458,000	6,459.0
TANEY *								
TEXAS *								
VERNON	79,600	25.3	2,017,000	9,863.0	79,700	30.9	2,463,000	10,986.0
WARREN	25,600	32.8	839,000	4,229.0	15,800	31.0	490,000	2,249.0
WASHINGTON *								
WAYNE	5,800	24.5	142,000	708.6	5,900	29.0	171,000	781.4
WEBSTER *								
WORTH	27,000	29.7	802,000	3,922.0	28,800	36.1	1,039,000	4,603.0
WRIGHT *								
ALL OTHER	3,600	24.6	88,500	439.0	3,450	24.1	81,900	370.2
DISTRICTS								
NORTHWEST	1,079,000	36.0	38,844,000	189,947.0	1,114,000	38.5	42,889,000	189,998.0
NORTH CENTRAL	886,000	34.5	30,567,000	149,473.0	941,000	33.0	31,053,000	137,565.0
NORTHEAST	881,000	36.0	31,717,000	158,902.0	908,000	31.5	28,602,000	130,139.0
WEST CENTRAL	488,000	31.0	15,128,000	73,976.0	486,000	35.0	17,010,000	75,867.0
CENTRAL	442,000	36.5	16,133,000	79,052.0	454,000	37.5	17,025,000	75,932.0
EAST CENTRAL	286,000	34.5	9,867,000	49,730.0	212,000	32.5	6,890,000	31,625.0
SOUTHWEST	174,000	27.0	4,698,000	22,879.0	184,000	25.5	4,692,000	20,692.0
SOUTH CENTRAL	35,000	25.0	875,000	4,366.0	35,000	25.5	892,000	4,076.0
SOUTHEAST	959,000	34.0	32,606,000	166,633.0	966,000	29.5	28,497,000	133,081.0
STATE	5,230,000	34.5	180,435,000	894,958.0	5,300,000	33.5	177,550,000	798,975.0

* INCLUDED IN ALL OTHER

COTTON: Acreage, Yield and Production by Counties, Missouri, 1985-86

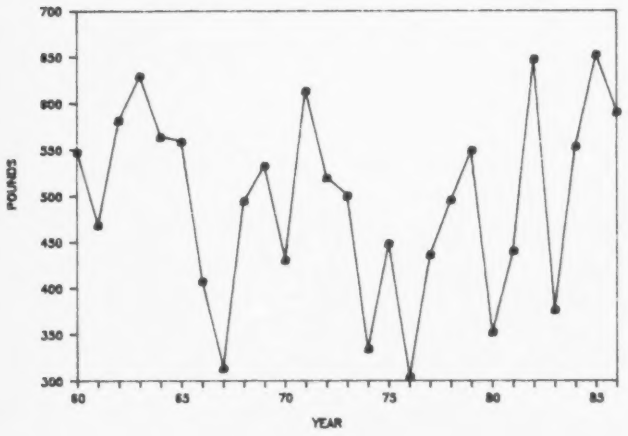
County	1985 Planted Acres	1985 Harvested Acres	1985 Yield Per Acre	1985 Production	1986 Planted Acres	1986 Harvested Acres	1986 Yield Per Acre	1986 Production
	-acres-		-lbs-	-480 lb bales-	-acres-		-lbs-	-480 lb bales-
Butler	790	770	380	610	720	520	600	650
Dunklin	76,000	75,200	656	102,700	82,200	81,700	562	95,700
Mississippi	260	260	535	290	280	280	514	300
New Madrid	35,000	34,800	672	48,700	48,000	34,900	678	49,300
Pemiscot	28,600	27,700	658	38,000	34,100	32,600	505	34,300
Scott	4,100	4,070	655	5,550	4,600	4,450	777	7,200
Stoddard	7,250	7,200	543	8,150	8,100	5,550	739	8,550
State	152,000	150,000	653	204,000	178,000	160,000	588	196,000

COTTON: Varieties Planted, Missouri, 1982-86

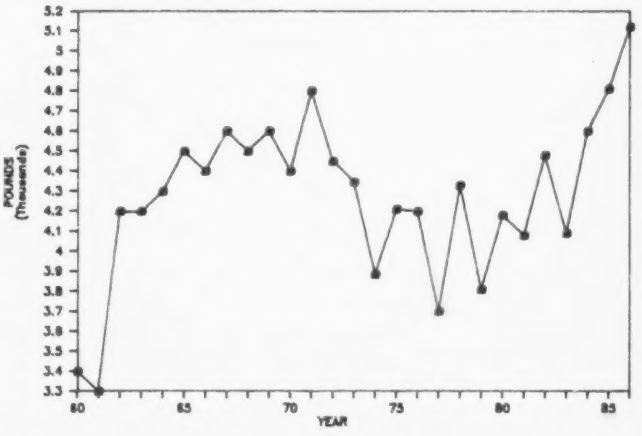
Year	Stoneville 112	Stoneville 213	Stoneville 506	Stoneville 825	Deltapine 20	Deltapine 41	Deltapine 50	Deltapine 55	Deltapine 61	Coker 304	Coker 310	Coker 3131	All Other Varieties
						-percent-							
1982	---	9	4	48	---	6	---	14	6	4	3	---	6
1983	---	2	26	26	---	7	---	10	8	3	5	---	13
1984	---	1	33	33	---	10	---	4	8	2	3	---	6
1985	---	1	38	24	---	11	5	3	6	3	---	---	9
1986	**5**	**3**	**40**	**19**	**3**	**8**	**14**	**1**	**5**	*	**1**	**1**	*

*Less than .5%.
Source: U.S. Department of Agriculture, Agricultural Marketing Service, Cotton Division

COTTON: STATE YIELD, LBS PER ACRE



RICE: STATE YIELD, LBS PER ACRE



RICE: Acreage, Yield and Production by Counties, Missouri, 1985-1986

County	1985 Planted	1985 Harvested	1985 Yield	1985 Production	1986 Planted	1986 Harvested	1986 Yield	1986 Production
	-acres-		-lbs-	-cwt-	-acres-		-lbs-	-cwt-
Butler	41,800	41,800	4620	1,930,000	39,000	38,400	5000	1,920,800
Stoddard	24,000	24,000	5260	1,262,000	23,200	22,900	5400	1,236,000
Others	6,200	6,200	4370	271,000	5,800	5,700	4860	277,200
State	72,000	72,000	4810	3,463,000	68,000	67,000	5120	3,434,000

CORN FOR GRAIN, PRODUCTION,
By Counties, 1986
Top Ten Counties

Atchison	15,846,000 bu
Nodaway	14,300,000 bu
Saline	13,119,000 bu
Holt	10,728,000 bu
Lafayette	8,923,000 bu
Stoddard	8,884,000 bu
Chariton	7,681,000 bu
Carroll	7,010,000 bu
Clark	6,527,000 bu
Harrison	6,282,000 bu

Over 4,500,000 bu.

2,000,000-4,499,000 bu.

200,000-1,999,999 bu.

Under 200,000 bu.

CORN FOR GRAIN: Distribution Percentage by Row Width, Missouri, 1982-86 1/

Year	Number of Samples	Row Width (inches) 30.5 & Less	30.6-32.5	32.6-34.5	34.6-36.5	36.6-38.5	38.6-40.5	40.6 & Greater	Average Row Width
		-percent of samples							-inches-
1982	125	30.4	17.6	1.6	13.6	26.4	10.4	0.0	34.1
1983	113	38.9	14.2	0.9	6.2	27.4	11.5	0.9	33.8
1984	122	28.7	14.7	0.8	13.9	27.1	11.5	3.3	34.5
1985	129	38.0	19.4	3.1	11.6	18.6	9.3	0.0	33.2
1986	**127**	**32.3**	**19.7**	**1.6**	**10.2**	**25.2**	**11.0**	**0.0**	**33.8**

1/ Based on Corn Objective Yield Survey.

CORN FOR SILAGE: By Districts, Missouri, 1985-86

District	1985 Harvested Acres	1985 Yield	1985 Production	1986 Harvested Acres	1986 Yield	1986 Production
	-thous-	-tons-	-thous tons-	-thous-	-tons-	-thous tons
Northwest	16	12.3	197	11	14.5	160
North Central	11	14.3	157	12	14.8	177
Northeast	19	15.2	289	13	13.7	178
West Central	12	13.8	166	9	13.9	125
Central	18	12.6	227	13	12.5	162
East Central	11	14.8	163	11	14.6	161
Southwest	5	11.2	56	4	10.0	40
South Central	4	9.5	38	4	9.5	38
Southeast	4	14.3	57	3	13.0	39
State	100	13.5	1,350	80	13.5	1,080

CORN: Acreage, Yield, Production and Value,
By Counties, Missouri, 1985-86

County	1985				1986			
	Harvested	Yield per Acre	Production	Total Value	Harvested	Yield per Acre	Production	Total Value
	-acres-	- bushels -		-thous dol-	-acres-	- bushels -		-thous dol-
ADAIR	20,900	121.5	2,540,000	5,740.0	21,500	111.1	2,389,000	3,119.0
ANDREW	45,100	104.0	4,690,000	10,693.0	43,900	115.9	5,089,000	7,074.0
ATCHISON	121,500	105.2	12,780,000	29,139.0	114,000	139.0	15,846,000	22,026.0
AUDRAIN	40,500	120.0	4,860,000	11,275.0	45,100	118.9	5,363,000	7,294.0
BARRY	900	75.0	67,500	170.8	900	74.0	66,600	105.3
BARTON	6,400	102.5	656,000	1,659.0	6,900	117.9	813,500	1,285.0
BATES	32,500	74.0	2,405,000	5,697.0	28,000	93.1	2,607,000	3,650.0
BENTON	5,500	80.5	443,000	1,067.0	5,700	103.3	589,000	824.5
BOLLINGER	9,000	91.9	827,000	2,059.0	8,500	80.5	684,000	1,060.0
BOONE	14,900	90.0	1,341,000	3,232.0	14,100	100.5	1,417,000	1,984.0
BUCHANAN	39,100	114.0	4,457,000	10,162.0	38,300	135.3	5,182,000	7,203.0
BUTLER	5,700	86.0	490,000	1,206.0	7,800	109.1	851,000	1,302.0
CALDWELL	23,200	110.5	2,563,000	5,844.0	22,200	107.5	2,387,000	3,318.0
CALLAWAY	17,400	107.0	1,862,000	4,487.0	16,500	112.6	1,858,000	2,601.0
CAMDEN	600	74.2	44,500	107.3	600	82.0	49,200	68.8
CAPE GIRARDEAU	36,100	102.0	3,683,000	9,060.0	43,400	81.2	3,525,000	5,393.0
CARROLL	58,600	124.0	7,268,000	16,426.0	54,200	129.3	7,010,000	9,152.0
CARTER	150	64.7	9,700	24.2	150	65.3	9,800	15.2
CASS	25,800	83.0	2,142,000	5,074.0	23,700	101.5	2,406,000	3,368.0
CEDAR	800	70.0	56,000	133.0	1,000	76.0	76,000	106.6
CHARITON	61,700	128.0	7,900,000	17,854.0	60,000	128.0	7,681,000	10,028.0
CHRISTIAN	600	70.0	42,000	106.3	700	64.4	45,100	71.3
CLARK	60,200	115.5	6,953,000	16,131.0	55,700	117.2	6,527,000	8,877.0
CLAY	9,300	103.0	958,000	2,184.0	8,900	121.7	1,083,000	1,505.0
CLINTON	31,700	106.5	3,376,000	7,697.0	29,500	123.8	3,651,000	5,075.0
COLE	6,100	87.0	531,000	1,280.0	4,600	104.8	482,000	674.8
COOPER	37,500	104.0	3,900,000	9,399.0	35,100	107.1	3,759,000	5,263.0
CRAWFORD	900	65.6	59,000	142.8	1,000	64.0	64,000	94.7
DADE	1,100	70.0	77,000	194.8	1,400	89.3	125,000	197.5
DALLAS	200	65.0	13,000	31.4	200	68.0	13,600	19.0
DAVIESS	32,100	95.0	3,050,000	6,954.0	31,800	119.2	3,789,000	5,267.0
DEKALB	31,600	100.5	3,176,000	7,241.0	30,600	114.6	3,507,000	4,875.0
DENT	800	80.0	64,000	159.4	750	78.0	58,500	90.8
DOUGLAS	200	70.0	14,000	34.9	150	66.0	9,900	15.4
DUNKLIN	4,100	124.6	511,000	1,257.0	5,400	87.0	470,000	719.0
FRANKLIN	23,200	87.0	2,019,000	4,886.0	21,800	89.2	1,945,000	2,879.0
GASCONADE	10,300	73.0	752,000	1,820.0	9,100	80.4	732,000	1,083.0
GENTRY	35,800	94.0	3,365,000	7,672.0	35,900	116.5	4,183,000	5,814.0
GREENE	1,000	75.0	75,000	189.8	1,300	69.0	89,700	141.8
GRUNDY	19,400	104.5	2,028,000	4,583.0	20,200	120.6	2,436,000	3,180.0
HARRISON	56,000	99.0	5,544,000	12,640.0	55,300	113.6	6,282,000	8,732.0
HENRY	20,000	83.5	1,670,000	3,956.0	16,700	93.9	1,568,000	2,195.0
HICKORY	1,000	70.0	70,000	168.7	1,100	76.4	84,000	117.5
HOLT	85,800	108.5	9,310,000	21,227.0	85,000	126.2	10,728,000	14,912.0
HOWARD	28,600	110.0	3,146,000	7,582.0	28,600	118.0	3,376,000	4,726.0
HOWELL	300	80.0	24,000	59.8	300	80.0	24,000	37.2
IRON	150	74.7	11,200	27.9	150	65.3	9,800	15.2
JACKSON	13,800	98.0	1,353,000	3,205.0	12,900	126.7	1,634,000	2,288.0
JASPER	2,100	90.0	189,000	478.2	2,400	97.9	235,000	371.3
JEFFERSON	3,000	89.0	267,000	646.1	2,900	84.1	244,000	361.2
JOHNSON	28,000	92.0	2,576,000	6,102.0	26,400	102.6	2,709,000	3,793.0
KNOX	35,800	123.0	4,403,000	10,215.0	34,700	123.7	4,294,000	5,840.0
LACLEDE	1,500	70.0	105,000	253.1	1,500	75.3	113,000	158.2
LAFAYETTE	88,100	119.0	10,480,000	24,825.0	73,200	121.9	8,923,000	12,492.0
LAWRENCE	1,300	76.2	99,000	250.5	1,600	64.4	103,000	162.8
LEWIS	47,300	123.0	5,818,000	13,498.0	46,400	114.2	5,297,000	7,204.0
LINCOLN	54,400	105.0	5,712,000	13,823.0	50,300	114.8	5,774,000	8,545.0
LINN	23,700	116.5	2,761,000	6,240.0	22,600	118.8	2,686,000	3,507.0
LIVINGSTON	13,500	122.5	1,654,000	3,738.0	15,000	122.3	1,834,000	2,394.0
MCDONALD	200	65.0	13,000	32.9	200	65.5	13,100	20.8

CORN: Acreage, Yield, Production and Value,
By Counties, Missouri, 1985-86

County	1985				1986			
	Harvested	Yield per Acre	Production	Total Value	Harvested	Yield per Acre	Production	Total Value
	-acres-	- bushels -		-thous dol-	-acres-	- bushels -		-thous dol-
MACON	28,300	110.0	3,113,000	7,035.0	30,900	113.2	3,499,000	4,568.0
MADISON	800	75.0	60,000	149.4	800	94.0	75,200	116.7
MARIES	2,500	74.0	185,000	445.9	2,600	79.2	206,000	288.4
MARION	37,200	127.0	4,724,000	10,960.0	35,700	129.0	4,607,000	6,265.0
MERCER	28,900	119.5	3,454,000	7,806.0	27,300	114.5	3,127,000	4,083.0
MILLER	3,100	81.9	254,000	612.2	3,100	89.0	276,000	386.4
MISSISSIPPI	39,800	134.5	5,353,000	13,169.0	42,500	131.4	5,586,000	8,547.0
MONITEAU	10,200	87.0	887,000	2,138.0	8,800	93.2	820,000	1,148.0
MONROE	23,200	121.5	2,819,000	6,540.0	24,100	108.8	2,623,000	3,567.0
MONTGOMERY	36,400	94.0	3,422,000	8,281.0	33,300	120.5	4,011,000	5,936.0
MORGAN	5,000	92.0	460,000	1,108.0	5,100	80.4	410,000	574.0
NEW MADRID	29,000	139.0	4,031,000	9,916.0	31,800	119.1	3,787,000	5,794.0
NEWTON	300	70.0	21,000	53.2	500	77.0	38,500	60.9
NODAWAY	128,500	112.9	14,510,000	33,083.0	121,000	118.2	14,300,000	19,877.0
OREGON	50	64.0	3,200	8.0	100	80.0	8,000	12.4
OSAGE	7,400	80.0	592,000	1,427.0	8,300	97.5	809,000	1,133.0
OZARK	100	65.0	6,500	16.2	100	66.0	6,600	10.3
PEMISCOT	11,300	124.5	1,407,000	3,461.0	11,600	93.2	1,081,000	1,654.0
PERRY	28,700	109.0	3,128,000	7,570.0	27,800	92.6	2,573,000	3,808.0
PETTIS	28,600	105.0	3,003,000	7,237.0	29,800	104.7	3,120,000	4,368.0
PHELPS	2,100	74.8	157,000	378.4	2,700	72.2	195,000	273.0
PIKE	48,200	114.0	5,495,000	12,748.0	49,400	113.4	5,600,000	7,616.0
PLATTE	23,400	105.0	2,457,000	5,602.0	23,100	126.7	2,927,000	4,068.0
POLK	1,100	75.0	82,500	198.9	1,100	68.3	75,100	105.1
PULASKI	700	70.0	49,000	118.1	1,000	78.1	78,100	109.3
PUTNAM	23,200	109.5	2,541,000	5,743.0	21,000	104.5	2,194,000	2,865.0
RALLS	23,700	113.0	2,678,000	6,213.0	24,000	103.5	2,484,000	3,378.0
RANDOLPH	16,100	106.5	1,715,000	3,876.0	15,800	109.7	1,733,000	2,263.0
RAY	29,900	115.5	3,453,000	7,873.0	30,000	127.4	3,823,000	5,314.0
REYNOLDS	500	71.0	35,500	88.4	450	64.9	29,200	45.3
RIPLEY	250	74.8	18,700	46.6	200	70.0	14,000	21.7
ST CHARLES	47,000	108.0	5,076,000	12,284.0	41,000	132.9	5,449,000	8,065.0
ST CLAIR	5,800	75.0	435,000	1,031.0	4,900	74.1	363,000	508.4
ST FRANCOIS	4,600	85.0	391,000	946.2	4,100	84.9	348,000	515.1
ST LOUIS	4,900	109.0	534,000	1,292.0	4,400	118.9	523,000	774.1
STE GENEVIEVE	15,000	98.0	1,470,000	3,557.0	13,800	97.2	1,341,000	1,985.0
SALINE	111,000	123.0	13,655,000	32,909.0	102,500	128.0	13,119,000	18,367.0
SCHUYLER	17,000	124.5	2,117,000	4,784.0	16,300	97.1	1,583,000	2,067.0
SCOTLAND	50,100	113.0	5,661,000	13,133.0	48,300	107.0	5,169,000	7,030.0
SCOTT	38,000	122.5	4,655,000	11,451.0	47,700	110.5	5,272,000	8,066.0
SHANNON	200	70.0	14,000	34.9	200	65.0	13,000	20.2
SHELBY	36,800	134.5	4,949,000	11,482.0	34,600	133.0	4,602,000	6,259.0
STODDARD	65,000	124.0	8,061,000	19,830.0	72,800	122.0	8,884,000	13,593.0
STONE	100	65.0	6,500	16.5	100	65.0	6,500	10.3
SULLIVAN	21,700	101.5	2,203,000	4,979.0	21,200	108.3	2,296,000	2,998.0
TANEY	50	64.0	3,200	8.0	50	66.0	3,300	5.1
TEXAS	600	65.0	39,000	97.2	550	60.0	33,000	51.2
VERNON	18,200	81.5	1,484,000	3,515.0	20,200	82.0	1,656,000	2,318.0
WARREN	24,200	101.0	2,444,000	5,915.0	22,000	123.4	2,715,000	4,018.0
WASHINGTON	400	65.0	26,000	62.9	500	66.0	33,000	48.9
WAYNE	1,700	80.0	136,000	338.7	1,600	78.8	126,000	195.4
WEBSTER	700	70.0	49,000	122.1	550	70.0	38,500	59.7
WORTH	21,000	95.0	1,995,000	4,549.0	20,500	107.5	2,204,000	3,064.0
WRIGHT	450	64.4	29,000	72.3	400	68.0	27,200	42.2
DISTRICTS								
NORTHWEST	714,000	106.0	75,684,000	172,560.0	690,000	123.2	84,981,000	118,124.0
NORTH CENTRAL	333,000	118.0	39,294,000	88,804.0	326,000	118.0	38,468,000	50,224.0
NORTHEAST	403,000	120.0	48,360,000	112,195.0	398,000	117.0	46,566,000	63,330.0
WEST CENTRAL	233,000	97.0	22,601,000	53,538.0	207,000	106.0	21,942,000	30,719.0
CENTRAL	285,000	108.0	30,780,000	74,180.0	273,000	113.0	30,849,000	43,189.0
EAST CENTRAL	253,000	100.0	25,300,000	61,226.0	232,000	111.0	25,752,000	38,113.0
SOUTHWEST	14,000	89.0	1,246,000	3,152.0	16,000	96.0	1,536,000	2,427.0
SOUTH CENTRAL	16,000	84.0	1,344,000	3,347.0	15,000	78.0	1,170,000	1,814.0
SOUTHEAST	229,000	123.1	28,191,000	69,350.0	263,000	112.0	29,456,000	45,068.0
STATE	2,480,000	110.0	272,800,000	638,352.0	2,420,000	116.0	280,720,000	393,008.0

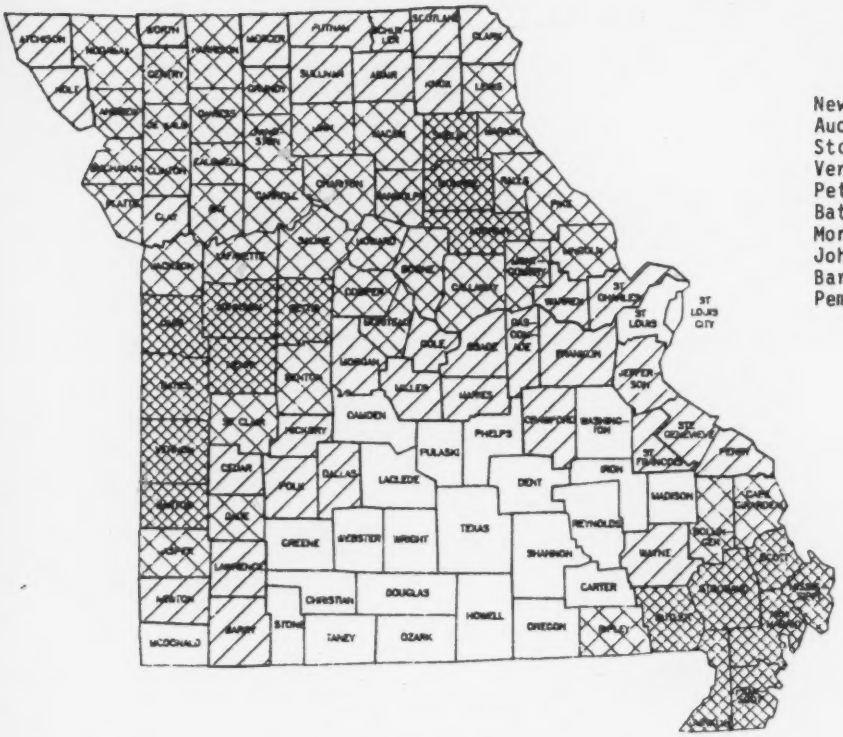
FRUITS: Production, Use and Value, Missouri, 1982-86

Year	Production		Season Average Price	Value of Utilized Production
	Total	Utilized		
		-Apples-		
	-million pounds-		-cents per lb.-	-thous. dol.-
1982	45.0	45.0	15.0	6,771
1983	45.0	45.0	15.2	6,836
1984	40.0	40.0	16.9	6,754
1985	62.0	62.0	16.2	10,069
1986	**37.0**	**37.0**	**19.1**	**7,070**
		-Peaches-		
	-million pounds-		-cents per lb.-	-thous. dol.-
1982	4.5	4.5	29.0	1,305
1983	12.0	12.0	22.0	2,640
1984	15.0	13.0	17.0	2,210
1985	1/	1/	1/	1/
1986	**12.0**	**12.0**	**21.0**	**2,520**
		-Grapes-		
	-tons-		-dollars per ton-	-thous. dol.-
1982	3,400	3,400	320	1,088
1983	3,600	3,600	312	1,122
1984	3,100	3,100	273	845
1985	900	900	362	326
1986	**2,900**	**2,900**	**310**	**899**

1/ No significant commercial production due to frost.

TOBACCO: Acreage, Yield and Production by Counties, Missouri, 1985-1986

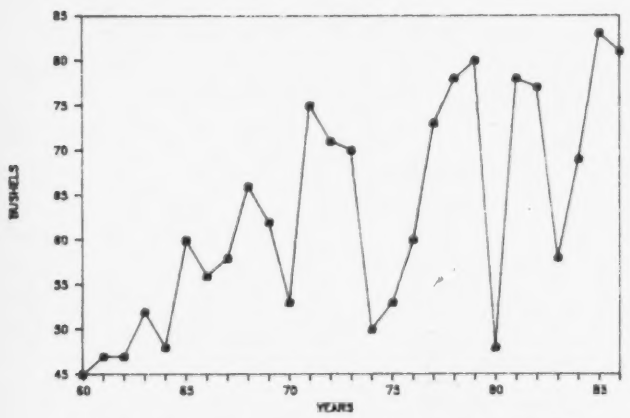
County	1985 Harvested	1985 Yield	1985 Production	1986 Harvested	1986 Yield	1986 Production
	acres	-lbs-	-lbs-	acres	-lbs-	-lbs-
Boone	39	2125	82,900	34	2035	69,200
Buchanan	460	2125	978,000	375	2120	795,000
Chariton	135	2280	307,700	122	1890	230,500
Clay	37	2380	88,000	28	2080	58,200
Clinton	46	2390	110,000	39	2130	83,100
Howard	200	2275	455,000	170	2130	362,000
Platte	1520	2165	3,289,000	1280	2105	2,692,000
Others	63	2215	139,400	52	1905	99,000
State	2500	2180	5,450,000	2100	2090	4,389,000



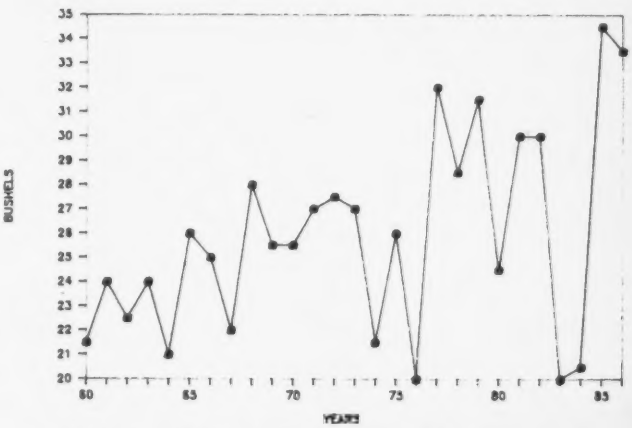
SORGHUM FOR GRAIN, PRODUCTION, By Counties, 1986
Top Ten Counties

New Madrid	5,002,000 bu
Audrain	4,962,000 bu
Stoddard	4,664,000 bu
Vernon	3,647,000 bu
Pettis	3,250,000 bu
Bates	3,215,000 bu
Monroe	3,062,000 bu
Johnson	2,625,000 bu
Barton	2,614,000 bu
Pemiscot	2,545,000 bu

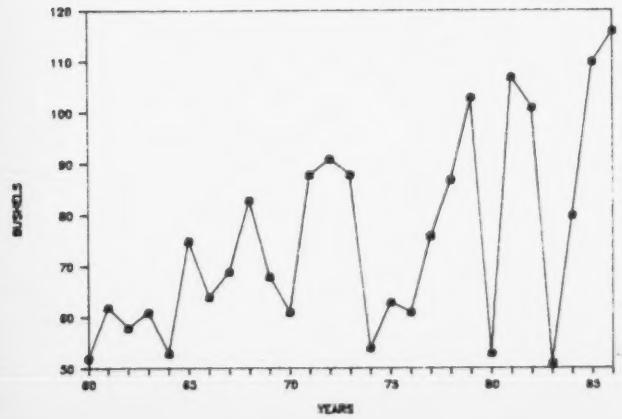
SORGHUM: STATE YIELD, BUSHELS PER ACRE



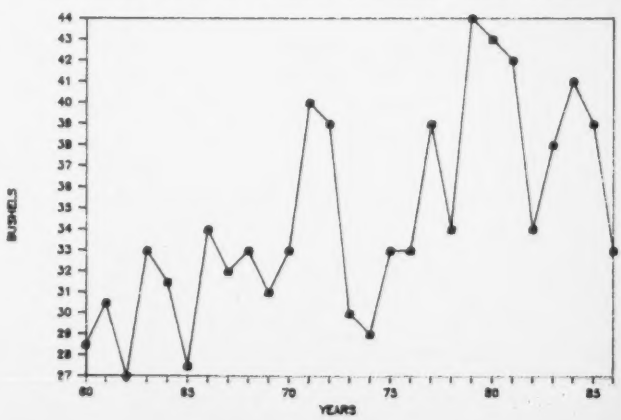
SOYBEANS: STATE YIELD, BUSHELS PER ACRE



CORN: STATE YIELD, BUSHELS PER ACRE



WHEAT: STATE YIELD, BUSHELS PER ACRE



SORGHUM: Acreage, Yield, Production and Value,
By Counties, Missouri, 1985-86

County	1985				1986			
	Harvested	Yield per Acre	Production	Total Value	Harvested	Yield per Acre	Production	Total Value
	-acres-	- bushels -		-thous dol-	-acres-	- bushels -		-thous dol-
ADAIR	1,200	83.2	99,800	204.7	1,900	86.8	165,000	178.3
ANDREW	8,400	78.2	657,000	1,413.0	7,600	75.4	573,000	630.3
ATCHISON	2,500	82.8	207,000	445.0	2,700	80.0	216,000	237.6
AUDRAIN	56,600	94.4	5,345,000	11,331.0	49,000	101.3	4,962,000	5,312.0
BARRY	1,800	55.3	99,600	227.1	1,700	50.0	85,000	113.9
BARTON	34,900	77.4	2,701,000	6,158.3	31,200	83.8	2,614,000	3,503.0
BATES	41,300	71.5	2,954,000	6,410.0	38,600	83.3	3,215,000	3,569.0
BENTON	7,700	82.6	636,000	1,367.0	7,300	97.3	710,000	830.7
BOLLINGER	11,900	80.2	954,000	2,185.0	11,500	71.8	826,000	1,190.0
BOONE	7,900	77.2	610,000	1,312.0	8,000	84.4	675,000	789.8
BUCHANAN	8,500	84.1	715,000	1,537.0	6,600	87.1	575,000	632.5
BUTLER	50,200	72.6	3,645,000	8,529.0	32,000	65.2	2,086,000	3,191.0
CALDWELL	11,000	81.0	891,000	1,916.0	7,800	82.2	641,000	705.1
CALLAWAY	18,600	84.2	1,567,000	3,369.0	15,700	89.3	1,402,000	1,640.0
CAMDEN	200	58.5	11,700	25.2	300	60.0	18,000	21.1
CAPE GIRARDEAU	19,900	80.9	1,609,000	3,765.0	13,200	66.0	871,000	1,333.0
CARROLL	15,700	73.7	1,157,000	2,373.0	12,400	92.0	1,141,000	1,232.0
CARTER	350	44.6	15,600	35.7	550	63.6	35,000	50.4
CASS	20,800	69.6	1,447,000	3,140.0	20,200	81.3	1,643,000	1,824.0
CEDAR	1,800	61.1	110,000	239.0	2,500	63.6	159,000	176.5
CHARITON	14,800	75.5	1,118,000	2,293.0	14,300	81.5	1,165,000	1,258.0
CHRISTIAN	250	58.4	14,600	33.3	300	56.7	17,000	22.8
CLARK	800	76.8	61,400	130.2	1,000	75.0	75,000	80.2
CLAY	5,100	78.4	400,000	860.0	3,700	70.5	261,000	287.1
CLINTON	8,500	92.1	783,000	1,683.0	7,100	89.2	633,000	696.3
COLE	2,900	62.8	182,000	391.2	3,100	67.7	210,000	245.7
COOPER	16,000	85.1	1,362,000	2,928.0	16,000	81.4	1,302,000	1,523.0
CRAWFORD	1,100	61.5	67,700	151.0	1,100	70.0	77,000	90.8
DADE	8,000	69.9	559,000	1,274.5	7,000	87.9	615,000	824.1
DALLAS	500	56.4	28,200	60.6	1,500	61.3	92,000	107.6
DAVIESS	16,900	89.1	1,506,000	3,238.0	11,100	91.2	1,012,000	1,113.0
DEKALB	15,400	82.7	1,273,000	2,737.0	11,600	90.2	1,046,000	1,151.0
DENT	250	63.2	15,800	36.2	250	56.0	14,000	20.2
DOUGLAS	300	49.0	14,700	33.7	500	56.0	28,000	40.3
DUNKLIN	58,000	83.5	4,842,000	11,330.0	36,200	61.9	2,240,000	3,427.0
FRANKLIN	9,200	57.6	530,000	1,182.0	6,200	70.2	435,000	513.3
GASCONADE	5,800	58.4	339,000	756.0	4,000	60.3	241,000	284.4
GENTRY	9,800	74.2	727,000	1,563.0	7,900	75.7	598,000	657.8
GREENE	800	63.3	50,600	115.4	1,100	62.7	69,000	92.5
GRUNDY	15,700	87.7	1,377,000	2,824.0	13,700	87.7	1,202,000	1,298.0
HARRISON	10,000	75.8	758,000	1,630.0	7,800	79.1	617,000	678.7
HENRY	33,900	80.7	2,736,000	5,937.0	30,400	78.4	2,383,000	2,645.0
HICKORY	1,700	58.4	99,200	213.2	1,500	64.7	97,000	113.5
HOLT	6,100	84.9	518,000	1,114.0	6,100	80.2	489,000	537.9
HOWARD	6,500	74.9	487,000	1,047.0	6,700	87.3	585,000	684.5
HOWELL	200	49.0	9,800	22.4	350	51.4	18,000	25.9
IRON	200	75.0	15,000	34.4	250	72.0	18,000	25.9
JACKSON	6,700	77.3	518,000	1,124.0	7,100	85.2	605,000	671.5
JASPER	19,900	79.1	1,574,000	3,588.7	18,500	69.7	1,289,000	1,727.0
JEFFERSON	1,500	68.0	102,000	227.5	1,400	65.0	91,000	107.4
JOHNSON	34,900	70.0	2,442,000	5,299.0	33,900	77.4	2,625,000	2,914.0
KNOX	3,600	93.1	335,000	710.4	4,100	99.3	407,000	435.6
LACLEDE	500	68.2	34,100	73.3	900	65.6	59,000	69.0
LAFAYETTE	7,100	74.4	528,000	1,146.0	7,100	88.2	626,000	695.0
LAWRENCE	5,500	59.3	326,000	743.3	4,800	52.1	250,000	335.0
LEWIS	6,400	93.8	600,000	1,272.0	5,600	91.6	513,000	549.1
LINCOLN	8,500	86.6	736,000	1,641.0	6,200	92.3	572,000	674.9
LINN	15,600	95.1	1,483,000	3,042.0	12,700	94.2	1,196,000	1,292.0
LIVINGSTON	18,700	90.9	1,700,000	3,487.0	12,600	99.5	1,254,000	1,354.0
MCDONALD	250	56.4	14,100	32.1	300	46.7	14,000	18.8

SORGHUM: Acreage, Yield, Production and Value,
By Counties, Missouri, 1985-86

County	1985				1986			
	Harvested	Yield per Acre	Production	Total Value	Harvested	Yield per Acre	Production	Total Value
	-acres-	- bushels -		-thous dol-	-acres-	- bushels -		-thous dol-
MACON	11,300	83.8	947,000	1,943.0	11,700	91.5	1,071,000	1,157.0
MADISON	650	74.5	48,400	110.8	650	76.9	50,000	72.0
MARIES	1,500	54.8	82,200	176.7	1,200	74.2	89,000	104.1
MARION	9,500	91.2	866,000	1,836.0	9,900	85.7	848,000	907.6
MERCER	3,700	69.7	258,000	529.2	3,900	81.3	317,000	342.4
MILLER	1,600	71.3	114,000	245.1	1,800	70.0	126,000	147.4
MISSISSIPPI	48,400	90.3	4,371,000	10,228.0	27,400	91.2	2,498,000	3,822.0
MONITEAU	11,500	69.2	796,000	1,711.0	10,800	82.3	889,000	1,040.0
MONROE	37,200	101.0	3,756,000	7,963.0	34,100	89.8	3,062,000	3,278.0
MONTGOMERY	9,100	89.6	815,000	1,817.0	8,400	90.1	757,000	893.3
MORGAN	6,200	79.4	492,000	1,058.0	5,100	75.3	384,000	449.3
NEW MADRID	103,500	94.1	9,743,000	22,799.0	66,300	75.4	5,002,000	7,653.0
NEWTON	3,400	58.8	200,000	456.0	2,800	46.8	131,000	175.5
NODAWAY	6,000	82.7	496,000	1,066.0	7,900	81.1	641,000	705.1
OREGON	100	49.0	4,900	11.2	150	66.7	10,000	14.4
OSAGE	4,500	53.1	239,000	513.8	3,700	81.1	300,000	351.0
OZARK	100	47.0	4,700	10.8	200	55.0	11,000	15.9
PEMISCOT	50,700	87.1	4,415,000	10,331.0	36,400	69.9	2,545,000	3,894.0
PERRY	7,300	74.0	540,000	1,204.0	5,100	75.3	384,000	453.1
PETTIS	38,300	90.3	3,458,000	7,435.0	36,000	90.3	3,250,000	3,803.0
PHELPS	850	55.5	47,200	101.5	1,000	65.0	65,000	76.0
PIKE	18,000	92.2	1,659,000	3,517.0	14,500	100.2	1,453,000	1,555.0
PLATTE	16,500	78.7	1,298,000	2,791.0	11,600	75.3	873,000	960.2
POLK	1,200	62.3	74,800	160.8	1,800	63.9	115,000	134.5
PULASKI	150	64.0	9,600	20.6	300	73.3	22,000	25.7
PUTNAM	2,000	70.0	140,000	287.2	1,900	77.4	147,000	158.8
RALLS	16,000	98.6	1,577,000	3,343.0	14,900	100.2	1,493,000	1,598.0
RANDOLPH	8,100	92.1	746,000	1,530.0	6,800	74.9	509,000	549.9
RAY	13,300	72.2	960,000	2,064.0	8,800	80.1	705,000	775.4
REYNOLDS	200	59.0	11,800	27.0	350	62.9	22,000	31.7
RIPLEY	10,500	72.9	765,000	1,752.0	10,900	68.6	748,000	1,077.0
ST CHARLES	2,600	78.8	205,000	457.2	1,900	90.5	172,000	202.9
ST CLAIR	17,100	70.6	1,207,000	2,619.0	17,500	73.8	1,292,000	1,434.0
ST FRANCOIS	1,600	61.6	98,500	219.7	1,400	75.0	105,000	123.9
ST LOUIS	950	65.7	62,400	139.2	800	66.3	53,000	62.5
STE GENEVIEVE	3,700	76.2	282,000	628.9	2,600	85.4	222,000	261.9
SALINE	10,700	73.8	790,000	1,699.0	9,300	89.2	830,000	971.1
SCHUYLER	900	63.6	57,200	117.3	1,000	76.0	76,000	82.1
SCOTLAND	1,000	76.6	76,600	162.4	1,500	72.0	108,000	115.5
SCOTT	43,300	83.9	3,631,000	8,497.0	27,100	77.3	2,096,000	3,207.0
SHANNON	100	58.0	5,800	13.3	200	60.0	12,000	17.3
SHELBY	17,900	107.4	1,923,000	4,077.0	18,400	104.3	1,920,000	2,055.0
STODDARD	108,000	89.4	9,659,000	22,602.0	63,400	73.6	4,664,000	7,136.0
STONE	200	55.5	11,100	25.3	300	53.3	16,000	21.4
SULLIVAN	4,300	75.6	325,000	666.6	4,100	71.5	293,000	316.5
TANEY	300	51.7	15,500	35.5	650	50.8	33,000	47.5
TEXAS	300	56.3	16,900	38.7	700	61.4	43,000	61.9
VERNON	48,400	73.0	3,534,000	7,669.0	47,700	76.5	3,647,000	4,047.0
WARREN	3,400	65.3	222,000	495.1	2,500	72.4	181,000	213.6
WASHINGTON	250	61.6	15,400	34.4	400	70.0	28,000	33.0
WAYNE	3,400	53.5	182,000	416.7	3,300	63.6	210,000	302.4
WEBSTER	50	54.0	2,700	6.2	200	60.0	12,000	17.3
WORTH	1,000	70.0	70,000	150.0	1,700	82.4	140,000	154.0
WRIGHT	100	54.0	5,400	12.4	300	60.0	18,000	25.9
DISTRICTS								
NORTHWEST	139,000	81.0	11,259,000	24,207.0	110,000	82.0	9,020,000	9,922.0
NORTH CENTRAL	112,000	84.0	9,408,000	19,297.0	97,000	88.0	8,536,000	9,219.0
NORTHEAST	167,000	97.0	16,199,000	34,342.0	153,000	97.0	14,841,000	15,886.0
WEST CENTRAL	212,000	73.0	15,476,000	33,583.0	205,000	79.0	16,195,000	17,976.0
CENTRAL	139,000	80.0	11,120,000	23,908.0	132,000	85.0	11,220,000	13,127.0
EAST CENTRAL	55,000	73.0	4,015,000	8,953.0	42,000	79.0	3,318,000	3,915.0
SOUTHWEST	75,000	74.0	5,550,000	12,654.0	68,000	75.0	5,100,000	6,834.0
SOUTH CENTRAL	29,000	72.0	2,088,000	4,782.0	31,000	68.0	2,108,000	3,036.0
SOUTHEAST	482,000	87.0	41,915,000	98,081.0	302,000	72.9	22,002,000	33,663.0
STATE	1,410,000	83.0	117,030,000	259,807.0	1,140,000	81.0	92,340,000	113,578.0

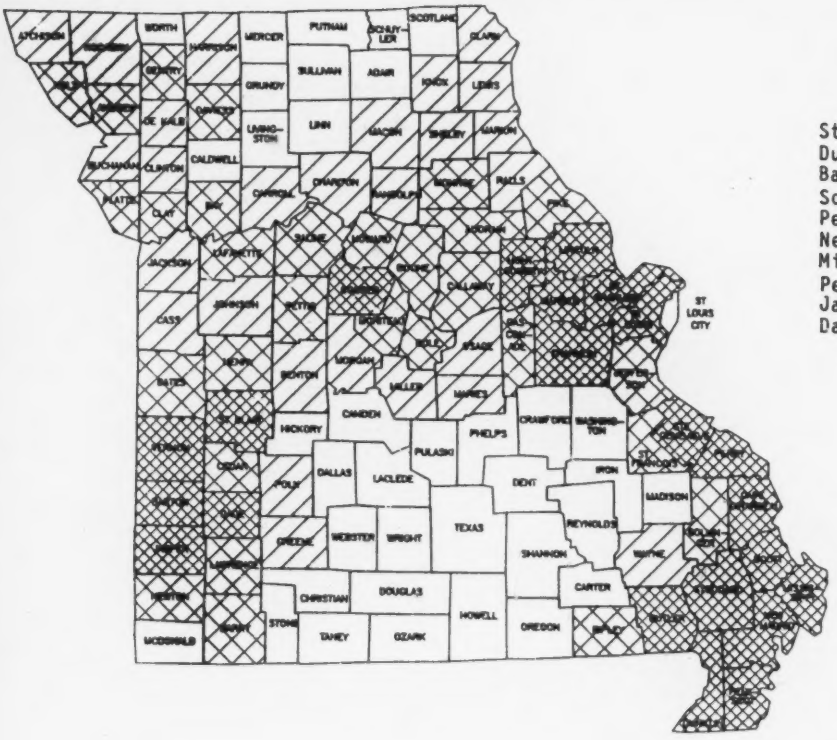
COMMERCIAL FERTILIZER: Consumption by Kind and Primary Plant Nutrients, Missouri, 1982-86 1/

Item	1982	1983	1984	1985	1986 2/
			-tons-		
Multiple Nutrient	1,006,377	959,987	1,080,765	492,606	442,738
Nitrogen Materials					
Ammonia					
Anhydrous	103,476	78,140	73,038	115,907	102,984
Aqua	548	1,503	303	1,401	474
Ammonium					
Nitrate	110,551	91,280	80,194	185,246	130,121
Sulfate	45	334	3,043	4,636	5,249
Nitrogen Solutions	154,603	133,597	158,319	190,954	185,614
Sodium Nitrate	314	161	279	489	518
Urea	61,234	86,168	84,395	179,994	218,836
Other	554	944	485	4,100	3,739
Phosphate Materials					
Phosphate Rock 3/	68	1,980	619	0	4
SuperPhosphates					
22% and Under	32	21	18	15	16
Over 22%	3,647	6,024	13,128	52,038	58,459
Other	47	31	317	777	2,045
Potash Materials					
Chloride, 60% and over	46,197	44,426	51,733	275,872	303,794
Other	4,608	2,467	3,915	4,415	4,788
Secondary and Micronutrient Materials					
Gypsum	5,351	10,135	14,962	1,436	2,646
Other	560	959	2,819	4,966	4,285
Natural Organics	3,795	3,288	3,337	113	54
Total Fertilizer	1,502,007	1,421,445	1,571,669	1,514,890	1,466,317
Primary Nutrients			-nutrient tons-		
N	324,691	304,090	333,113	367,058	347,768
Available P_2O_5	148,346	147,771	171,844	146,235	147,651
K_2O	237,154	220,760	241,105	215,361	224,321

1/ Figures furnished by Agricultural Experiment Station, University of Missouri-Columbia; Fertilizer based on consumption for fiscal year ending June 30 of year shown.

2/ Data for 1985 and 1986 are not strictly comparable with earlier years. Much of the data now represents the input side of bulk blending operations rather than the output side.

3/ Includes Colloidal Phosphate.



WHEAT PRODUCTION,
By Counties, 1986
Top Ten Counties

Stoddard	1,534,000 bu
Dunklin	1,169,000 bu
Barton	1,156,000 bu
Scott	1,135,000 bu
Pemiscot	1,023,000 bu
New Madrid	920,000 bu
Mississippi	871,000 bu
Perry	670,000 bu
Jasper	616,000 bu
Dade	462,000 bu

Over 200,000 bu.
75,000–199,999 bu.
30,000–74,999 bu.
Under 30,000 bu.

WHEAT: Varieties By Districts, Missouri, 1986 Crop

Class & Variety	NW	NC	NE	WC	C	EC	SW	SC	SE	STATE
					-percent-					
Hard Red Winter										
Tam (all)	15.2	2.7	---	2.6	---	---	---	---	---	1.7
Other hard	23.8	---	2.5	.5	---	1.3	---	---	1.1	2.7
Total hard	39.0	2.7	2.5	3.1	---	1.3	---	---	1.1	4.4
Soft Red Winter										
Caldwell	16.5	29.6	50.3	25.2	66.0	55.2	29.4	5.9	32.3	39.2
Pioneer (all) 1/	22.9	4.7	25.9	33.3	11.5	6.4	27.7	---	1.0	14.3
Pike	4.8	18.9	3.3	7.9	10.6	17.2	19.8	47.5	3.0	10.9
Arthur 71	3.3	12.7	8.5	6.7	1.7	5.1	15.3	34.8	17.2	9.8
Coker (all) 1/	---	---	---	---	---	.5	---	11.8	18.1	4.6
Hart	1.3	16.7	1.9	15.0	3.5	7.2	.9	---	.3	4.5
McNair 1003 1/	---	11.1	7.1	---	4.4	5.9	---	---	8.6	4.5
Hunter 1/	---	---	---	---	---	---	---	---	11.9	2.7
Rosen	---	---	---	---	---	---	---	---	5.4	1.2
Other soft	12.2	3.6	.5	8.8	2.3	1.2	6.9	---	1.1	3.9
Total soft	61.0	97.3	97.5	96.9	100.0	98.7	100.0	100.0	98.9	95.6

1/ Private company variety.

WHEAT: Acreage, Yield, Production and Value, By Counties, Missouri, 1985-1986

County	1985				1986			
	Harvested	Yield per Acre	Production	Total Value	Harvested	Yield per Acre	Production	Total Value
	-acres-	- bushels -		-thous dol-	-acres-	- bushels -		-thous dol-
ADAIR	6,000	51.7	310,000	886.5	850	26.1	22,200	49.5
ANDREW	12,400	45.0	558,000	1,663.0	3,400	22.5	76,500	172.2
ATCHISON	4,800	50.0	240,000	715.2	1,300	32.4	42,100	94.7
AUDRAIN	27,000	48.3	1,304,000	3,873.0	3,000	36.0	108,000	254.9
BARRY	3,700	34.9	129,000	367.6	2,500	30.0	75,000	167.2
BARTON	54,400	32.0	1,740,000	4,959.0	33,000	35.0	1,156,000	2,578.0
BATES	34,300	38.0	1,305,000	3,811.0	4,800	34.2	164,000	375.6
BENTON	6,000	33.0	198,000	568.3	2,000	32.8	65,600	152.2
BOLLINGER	6,200	29.5	183,000	543.5	5,200	34.4	179,000	417.1
BOONE	17,000	40.0	680,000	1,952.0	3,500	24.9	87,000	201.8
BUCHANAN	16,500	39.2	647,000	1,928.0	3,400	16.7	56,700	127.6
BUTLER	9,500	27.1	257,000	791.5	12,600	34.3	432,000	1,041.0
CALDWELL	18,500	41.0	759,000	2,262.0	1,200	19.6	23,500	52.9
CALLAWAY	15,600	43.7	682,000	1,957.0	6,000	28.8	173,000	401.4
CAMDEN	400	30.0	12,000	34.4	200	25.0	5,000	11.6
CAPE GIRARDEAU	7,600	27.5	209,000	643.5	13,100	34.3	449,000	1,082.0
CARROLL	38,000	42.9	1,630,000	4,662.0	1,900	27.0	51,300	114.4
CARTER	200	30.0	6,000	17.8	100	30.0	3,000	7.0
CASS	10,900	32.0	349,000	1,019.0	1,900	29.0	55,100	126.2
CEDAR	3,900	32.1	125,000	365.0	3,000	28.0	84,000	192.4
CHARITON	31,500	48.3	1,520,000	4,347.0	1,600	38.0	60,800	135.5
CHRISTIAN	700	35.7	25,000	71.3	550	28.0	15,400	34.2
CLARK	7,200	41.5	299,000	888.0	1,800	27.9	50,200	118.5
CLAY	11,700	40.0	468,000	1,395.0	2,800	33.3	93,100	209.5
CLINTON	12,600	48.0	605,000	1,803.0	1,600	24.5	39,200	88.2
COLE	3,900	34.9	136,000	390.3	3,200	25.4	81,200	188.4
COOPER	22,000	33.0	726,000	2,084.0	7,300	31.9	233,000	540.6
CRAWFORD	550	32.0	17,600	53.5	400	21.0	8,400	20.1
DADE	21,000	32.0	672,000	1,915.0	13,400	34.5	462,000	1,030.0
DALLAS	600	30.0	18,000	51.7	500	35.2	17,600	40.8
DAVIESS	19,700	53.8	1,060,000	3,159.0	2,600	31.3	81,400	183.2
DEKALB	13,900	42.2	587,000	1,749.0	1,700	24.5	41,700	93.8
DENT	900	30.0	27,000	80.2	350	26.9	9,400	21.9
DOUGLAS	450	31.1	14,000	41.6	150	30.0	4,500	10.5
DUNKLIN	25,000	27.6	690,000	2,125.0	34,100	34.3	1,169,000	2,817.0
FRANKLIN	10,900	36.6	399,000	1,213.0	9,600	32.4	311,000	744.2
GASCONADE	2,800	27.5	77,000	234.1	4,600	29.3	135,000	323.1
GENTRY	18,700	46.0	860,000	2,563.0	3,600	30.6	110,000	247.6
GREENE	3,400	37.4	127,000	361.9	1,400	34.4	48,100	107.2
GRUNDY	11,300	44.2	500,000	1,430.0	800	36.0	28,800	64.2
HARRISON	14,800	49.5	733,000	2,184.0	2,400	20.6	49,400	111.1
HENRY	12,200	36.0	439,000	1,282.0	5,600	30.9	173,000	396.2
HICKORY	1,600	29.1	46,500	133.5	900	20.1	18,100	42.0
HOLT	15,800	52.5	829,000	2,470.0	4,000	23.5	94,100	211.8
HOWARD	18,500	42.0	777,000	2,230.0	4,100	29.8	122,000	283.1
HOWELL	1,700	25.3	43,000	127.7	450	24.9	11,200	26.1
IRON	150	30.0	4,500	13.4	50	30.0	1,500	3.5
JACKSON	12,900	39.8	514,000	1,501.0	2,000	25.0	50,000	114.5
JASPER	34,500	27.5	948,000	2,702.0	23,700	26.0	616,000	1,374.0
JEFFERSON	2,900	32.6	94,400	287.0	4,500	29.3	132,000	315.9
JOHNSON	10,200	28.0	286,000	835.0	1,800	24.0	43,200	98.9
KNOX	10,400	59.0	614,000	1,824.0	1,300	39.0	50,700	119.7
LACLEDE	1,500	31.0	46,500	133.5	850	29.9	25,400	58.9
LAFAYETTE	19,800	44.0	872,000	2,546.0	3,500	26.2	91,700	210.1
LAWRENCE	9,100	32.0	291,000	829.3	5,100	26.9	137,000	305.5
LEWIS	11,100	45.5	505,000	1,500.0	2,500	29.9	74,800	176.5
LINCOLN	16,800	42.7	717,000	2,180.0	11,100	34.3	381,000	911.8
LINN	19,400	47.7	925,000	2,645.0	1,100	25.0	27,500	61.3
LIVINGSTON	18,200	45.7	832,000	2,379.0	1,100	26.0	28,600	63.8
MCDONALD	1,000	30.0	30,000	85.5	600	30.0	18,000	40.0

WHEAT: Acreage, Yield, Production and Value,
By Counties, Missouri, 1985-1986

County	1985				1986			
	Harvested	Yield per Acre	Production	Total Value	Harvested	Yield per Acre	Production	Total Value
	-acres-	- bushels -		-thous dol-	-acres-	- bushels -		-thous dol-
MACON	18,000	46.8	843,000	2,411.0	1,400	29.0	40,600	90.5
MADISON	400	27.5	11,000	32.7	150	34.7	5,200	12.1
MARIES	2,100	32.5	68,200	195.7	2,300	25.9	59,500	138.0
MARION	16,600	41.5	689,000	2,046.0	1,300	32.0	41,600	98.2
MERCER	6,300	44.9	283,000	809.2	700	30.0	21,000	46.8
MILLER	2,000	34.0	68,000	195.2	1,700	29.4	49,900	115.8
MISSISSIPPI	17,500	26.5	464,000	1,429.0	23,400	37.2	871,000	2,099.0
MONITEAU	7,900	34.1	269,000	772.1	2,700	27.9	75,200	174.5
MONROE	19,800	51.7	1,023,000	3,038.0	3,700	29.2	108,000	254.9
MONTGOMERY	14,500	36.7	532,000	1,617.0	10,800	35.3	381,000	911.8
MORGAN	4,400	36.6	161,000	462.1	2,200	29.0	63,800	148.0
NEW MADRID	21,000	26.0	547,000	1,685.0	23,500	39.1	920,000	2,217.0
NEWTON	12,100	31.0	375,000	1,069.0	6,700	25.1	168,000	374.6
NODAWAY	14,700	48.6	714,000	2,128.0	2,800	20.6	57,600	129.6
OREGON	2,600	32.3	84,000	249.4	800	33.9	27,100	63.2
OSAGE	2,600	28.0	72,800	209.0	2,900	25.3	73,500	170.5
OZARK	200	28.5	5,700	16.9	50	34.0	1,700	4.0
PEMISCOT	20,400	23.0	470,000	1,447.0	27,500	37.2	1,023,000	2,466.0
PERRY	13,400	29.5	395,000	1,201.0	17,100	39.2	670,000	1,603.0
PETTIS	22,100	29.5	652,000	1,871.0	5,400	26.9	145,000	336.4
PHELPS	1,000	29.0	29,000	83.2	650	21.8	14,200	32.9
PIKE	14,700	49.0	720,000	2,138.0	2,500	32.9	82,200	194.0
PLATTE	23,300	36.3	846,000	2,521.0	4,000	22.6	90,200	203.0
POLK	3,500	36.0	126,000	361.6	2,200	29.8	65,600	152.2
PULASKI	400	30.0	12,000	34.4	200	25.0	5,000	11.6
PUTNAM	2,900	44.8	130,000	371.7	450	30.0	13,500	30.1
RALLS	15,700	50.0	785,000	2,332.0	2,000	29.0	58,000	136.9
RANDOLPH	16,300	47.3	771,000	2,205.0	1,100	36.0	39,600	88.3
RAY	29,500	49.1	1,448,000	4,315.0	6,000	28.5	171,000	384.9
REYNOLDS	450	28.9	13,000	38.6	150	32.7	4,900	11.4
RIPLEY	3,200	28.8	92,000	273.2	2,700	34.9	94,300	219.8
ST CHARLES	16,500	38.2	630,000	1,915.0	13,100	35.3	462,000	1,106.0
ST CLAIR	14,600	32.5	475,000	1,387.0	9,200	25.0	230,000	526.8
ST FRANCOIS	2,600	27.6	71,700	218.0	2,500	38.2	95,600	228.8
ST LOUIS	5,400	32.0	173,000	525.9	5,500	39.1	215,000	514.5
STE GENEVIEVE	5,200	34.0	177,000	538.1	7,000	39.3	275,000	658.1
SALINE	22,900	43.3	992,000	2,847.0	3,200	23.9	76,400	177.3
SCHUYLER	3,000	50.0	150,000	428.9	350	36.0	12,600	28.1
SCOTLAND	5,200	48.5	252,000	748.0	800	30.0	24,000	56.6
SCOTT	16,000	27.1	433,000	1,334.0	30,500	37.2	1,135,000	2,735.0
SHANNON	200	31.0	6,200	18.4	100	20.0	2,000	4.7
SHELBY	16,300	57.5	937,000	2,783.0	2,100	35.5	74,500	175.8
STODDARD	29,000	30.1	872,000	2,686.0	37,300	41.1	1,534,000	3,697.0
STONE	100	30.0	3,000	8.4	50	30.0	1,500	3.3
SULLIVAN	7,100	41.4	294,000	840.7	650	30.0	19,500	43.5
TANEY	250	30.4	7,600	22.6	100	33.0	3,300	7.7
TEXAS	1,500	31.3	47,000	139.5	650	21.1	13,700	31.9
VERNON	43,200	32.1	1,385,000	4,044.0	14,200	28.0	397,000	909.3
WARREN	8,200	37.6	308,000	936.2	8,600	29.4	253,000	605.4
WASHINGTON	250	33.2	8,300	25.2	200	30.0	6,000	14.3
WAYNE	2,200	31.4	69,000	204.9	1,300	31.8	41,300	96.3
WEBSTER	1,600	32.5	52,000	154.4	500	33.0	16,500	38.5
WORTH	4,100	38.0	156,000	464.8	1,200	19.6	23,500	52.9
WRIGHT	800	31.3	25,000	74.2	200	22.0	4,400	10.3
DISTRICTS								
NORTHWEST	231,000	45.5	10,510,000	31,320.0	42,000	25.0	1,050,000	2,363.0
NORTH CENTRAL	178,000	46.0	8,188,000	23,416.0	12,000	30.5	366,000	816.0
NORTHEAST	144,000	49.5	7,128,000	21,170.0	21,000	32.0	672,000	1,586.0
WEST CENTRAL	162,000	35.5	5,750,000	16,790.0	46,000	28.0	1,288,000	2,950.0
CENTRAL	156,000	37.0	5,772,000	16,566.0	52,000	28.0	1,456,000	3,378.0
EAST CENTRAL	100,000	36.0	3,600,000	10,944.0	95,000	35.0	3,325,000	7,957.0
SOUTHWEST	140,000	31.0	4,340,000	12,369.0	87,000	31.0	2,697,000	6,014.0
SOUTH CENTRAL	23,000	30.0	690,000	2,049.0	13,000	32.5	423,000	986.0
SOUTHEAST	146,000	27.0	3,942,000	12,141.0	202,000	37.3	7,533,000	18,154.0
STATE	1,280,000	39.0	49,920,000	146,765.0	570,000	33.0	18,810,000	44,204.0

HAY: Acreage, Yield, Production and Value, By Counties, Missouri, 1985-86

County	1985				1986			
	Harvested	Yield per Acre	Production	Total Value	Harvested	Yield per Acre	Production	Total Value
	-acres-	-tons-		-thous dol-	-acres-	-tons-		-thous dol-
ADAIR	47,000	1.80	85,000	4,845.0	47,000	1.50	70,500	3,630.0
ANDREW	17,300	2.90	50,000	2,900.0	16,500	2.15	35,800	1,880.0
ATCHISON	9,900	2.30	22,600	1,311.0	10,000	2.30	23,100	1,213.0
AUDRAIN	27,200	2.20	60,000	3,300.0	28,400	1.80	51,600	2,556.0
BARRY	46,200	2.00	93,000	6,138.0	47,200	1.85	87,600	5,272.0
BARTON	35,300	1.45	51,000	3,366.0	34,200	1.55	53,500	3,221.0
BATES	49,800	1.95	97,000	5,868.0	51,300	1.65	84,300	4,639.0
BENTON	41,100	1.80	75,000	4,575.0	43,700	1.55	68,500	3,800.0
BOLLINGER	23,600	1.85	43,500	2,880.0	22,300	1.80	40,600	2,455.0
BOONE	38,100	1.90	73,000	4,453.0	37,300	1.55	58,500	3,245.0
BUCHANAN	15,600	2.10	32,500	1,885.0	16,200	2.20	35,900	1,885.0
BUTLER	9,000	1.75	15,700	911.0	9,400	1.70	16,200	853.0
CALDWELL	34,800	1.50	51,800	3,004.0	36,900	1.65	60,400	3,171.0
CALLAWAY	42,700	1.80	77,500	4,727.0	43,100	1.55	67,600	3,750.0
CAMDEN	23,300	1.45	34,000	2,074.0	21,300	1.50	32,400	1,797.0
CAPE GIRARDEAU	41,600	1.80	74,500	4,322.0	41,600	1.75	71,800	3,773.0
CARROLL	32,000	2.00	64,500	3,676.0	32,700	1.60	52,100	2,683.0
CARTER	6,800	1.35	9,100	602.0	6,000	1.55	9,400	568.0
CASS	43,400	1.75	76,000	4,598.0	42,900	1.65	70,500	3,880.0
CEDAR	34,000	1.80	61,000	3,691.0	32,300	1.35	44,200	2,433.0
CHARITON	35,300	2.20	78,000	4,446.0	36,800	1.60	58,600	3,018.0
CHRISTIAN	44,800	2.30	103,000	6,798.0	45,800	2.15	98,500	5,927.0
CLARK	23,800	2.50	60,000	3,300.0	24,100	2.15	51,800	2,566.0
CLAY	22,600	1.70	38,000	2,204.0	23,700	1.45	34,200	1,795.0
CLINTON	25,800	1.40	35,800	2,076.0	25,000	1.55	38,500	2,021.0
COLE	28,000	1.85	52,000	3,172.0	28,000	1.65	46,500	2,579.0
COOPER	33,500	2.10	71,000	4,331.0	31,000	1.65	51,400	2,851.0
CRAWFORD	19,900	1.45	29,000	1,653.0	19,900	1.50	29,500	1,518.0
DADE	32,700	1.60	52,500	3,465.0	30,600	1.65	50,800	3,058.0
DALLAS	46,600	1.90	89,500	5,459.0	50,000	1.55	78,400	4,350.0
DAVIESS	26,000	1.85	47,500	2,755.0	25,500	2.30	59,000	3,097.0
DEKALB	30,300	1.80	54,000	3,132.0	29,000	1.85	53,100	2,788.0
DENT	20,700	1.55	32,000	2,119.0	21,600	1.85	40,300	2,437.0
DOUGLAS	39,000	1.90	74,500	4,932.0	38,200	1.70	65,700	3,973.0
DUNKLIN	1,300	1.75	2,300	133.0	1,200	1.90	2,300	122.0
FRANKLIN	47,100	1.90	89,500	5,101.0	47,600	1.80	84,700	4,359.0
GASCONADE	23,900	2.05	49,000	2,793.0	23,900	1.60	37,800	1,945.0
GENTRY	37,000	1.85	67,700	3,926.0	35,400	2.20	78,400	4,116.0
GREENE	73,300	2.15	158,000	10,428.0	69,500	2.15	149,400	8,989.0
GRUNDY	26,000	1.65	43,000	2,451.0	26,800	1.70	45,200	2,327.0
HARRISON	52,000	1.70	87,600	5,081.0	50,900	1.95	98,100	5,150.0
HENRY	47,200	2.05	97,000	5,869.0	48,600	1.65	79,900	4,397.0
HICKORY	30,900	1.85	57,500	3,507.0	32,800	1.75	57,500	3,190.0
HOLT	6,400	2.50	16,000	928.0	6,400	2.70	17,200	903.0
HOWARD	26,000	1.90	50,000	3,050.0	24,300	1.75	42,500	2,357.0
HOWELL	47,300	1.95	91,500	6,058.0	47,900	1.85	89,400	5,407.0
IRON	9,000	1.70	15,300	1,013.0	8,400	1.85	15,700	949.0
JACKSON	21,200	2.10	44,500	2,692.0	20,500	1.55	31,800	1,751.0
JASPER	42,700	1.85	79,000	5,214.0	41,300	1.75	72,600	4,369.0
JEFFERSON	18,600	1.55	29,000	1,653.0	17,800	1.60	28,200	1,451.0
JOHNSON	64,100	1.90	122,000	7,381.0	66,700	1.65	109,600	6,031.0
KNOX	34,700	1.95	68,000	3,740.0	33,200	1.95	64,900	3,214.0
LACLEDE	44,000	2.00	89,000	5,429.0	45,800	1.75	80,300	4,455.0
LAFAYETTE	30,400	2.25	68,500	4,144.0	29,100	1.80	53,100	2,922.0
LAWRENCE	73,800	2.00	148,500	9,801.0	75,500	1.85	140,200	8,436.0
LEWIS	19,000	1.80	34,500	1,897.0	19,700	1.95	38,500	1,907.0
LINCOLN	22,200	2.10	46,500	2,650.0	20,800	1.90	39,100	2,012.0
LINN	55,000	1.90	105,000	5,985.0	52,600	1.85	98,600	5,078.0
LIVINGSTON	21,700	1.95	42,500	2,422.0	23,000	1.80	41,000	2,111.0
MCDONALD	31,900	1.85	59,000	3,894.0	34,000	1.80	61,500	3,701.0

HAY: Acreage, Yield, Production and Value,
By Counties, Missouri, 1985-86

County	1985				1986			
	Harvested	Yield per Acre	Production	Total Value	Harvested	Yield per Acre	Production	Total Value
	-acres-	-tons-		-thous dol-	-acres-	-tons-		-thous dol-
MACON	48,000	2.15	103,000	5,871.0	47,000	1.70	79,300	4,084.0
MADISON	13,800	1.80	25,000	1,655.0	12,400	1.55	19,500	1,178.0
MARIES	26,700	1.80	48,500	2,958.0	27,500	1.55	43,100	2,391.0
MARION	18,900	2.60	49,500	2,722.0	18,100	2.15	38,900	1,927.0
MERCER	33,000	1.70	56,500	3,221.0	32,600	1.80	58,000	2,987.0
MILLER	31,200	1.85	58,000	3,538.0	30,800	1.65	51,200	2,840.0
MISSISSIPPI	1,800	2.50	4,500	261.0	1,800	2.15	3,900	206.0
MONITEAU	37,500	1.90	72,000	4,392.0	39,100	1.45	55,900	3,101.0
MONROE	28,900	2.00	58,000	3,190.0	27,000	1.65	44,900	2,224.0
MONTGOMERY	20,700	2.05	42,500	2,423.0	19,600	1.95	37,800	1,945.0
MORGAN	31,200	2.05	64,500	3,935.0	31,500	1.50	46,500	2,579.0
NEW MADRID	800	2.25	1,800	104.0	900	1.90	1,700	90.0
NEWTON	49,300	1.80	89,000	5,874.0	49,300	1.80	89,100	5,362.0
NODAWAY	54,500	2.35	127,000	7,366.0	55,800	2.60	145,200	7,623.0
OREGON	21,200	2.05	43,000	2,847.0	22,800	2.05	47,100	2,848.0
OSAGE	38,000	1.90	73,000	4,453.0	38,800	1.55	60,800	3,373.0
OZARK	21,800	1.75	38,000	2,516.0	20,600	1.95	40,500	2,449.0
PEMISCOT	1,300	3.30	4,300	249.0	1,400	2.70	3,800	201.0
PERRY	26,300	2.55	67,000	3,819.0	26,300	2.20	58,500	3,010.0
PETTIS	38,300	1.95	75,000	4,575.0	38,300	1.65	63,500	3,523.0
PHELPS	19,900	1.90	38,000	2,318.0	20,700	1.55	32,400	1,797.0
PIKE	25,500	2.25	57,500	3,163.0	25,500	1.95	49,900	2,471.0
PLATTE	18,400	1.75	31,800	1,844.0	18,000	1.95	34,700	1,822.0
POLK	67,400	1.90	129,500	7,900.0	66,600	1.90	126,000	6,990.0
PULASKI	16,600	1.70	28,500	1,739.0	17,600	1.50	26,600	1,476.0
PUTNAM	47,700	1.65	79,000	4,503.0	49,200	1.70	83,000	4,274.0
RALLS	21,500	1.95	42,000	2,310.0	19,600	1.85	36,400	1,803.0
RANDOLPH	20,500	2.10	43,000	2,451.0	18,800	1.50	28,200	1,452.0
RAY	27,600	1.85	50,500	2,929.0	26,100	1.60	42,700	2,242.0
REYNOLDS	10,200	1.70	17,500	1,158.0	11,100	1.60	17,500	1,057.0
RIPLEY	11,100	1.60	17,500	1,158.0	10,000	1.75	17,700	1,069.0
ST CHARLES	13,000	2.15	28,000	1,596.0	13,600	2.55	35,000	1,801.0
ST CLAIR	38,200	1.75	67,000	4,054.0	39,400	1.55	61,200	3,368.0
ST FRANCOIS	23,100	1.80	41,500	2,366.0	23,800	1.70	40,000	2,058.0
ST LOUIS	3,100	2.15	6,700	382.0	2,900	1.85	5,400	278.0
STE GENEVIEVE	19,500	1.90	37,000	2,109.0	19,100	1.90	35,900	1,847.0
SALINE	29,000	1.90	55,500	3,386.0	26,800	1.85	49,400	2,741.0
SCHUYLER	26,500	1.85	49,000	2,793.0	24,800	1.70	41,800	2,152.0
SCOTLAND	25,500	2.10	54,000	2,970.0	26,400	1.95	51,600	2,556.0
SCOTT	8,200	1.70	13,900	806.0	7,700	1.75	13,300	699.0
SHANNON	13,500	1.55	20,600	1,364.0	13,200	1.75	23,400	1,414.0
SHELBY	22,000	2.15	47,500	2,613.0	23,000	1.75	40,500	2,006.0
STODDARD	11,000	1.65	18,000	1,044.0	11,000	1.65	18,000	946.0
STONE	27,000	1.30	35,000	2,310.0	27,600	1.50	41,800	2,516.0
SULLIVAN	65,300	1.85	121,500	6,926.0	68,700	1.65	112,700	5,804.0
TANEY	14,300	1.75	25,000	1,655.0	14,500	1.90	27,800	1,680.0
TEXAS	55,300	1.85	102,000	6,753.0	56,600	1.65	94,600	5,721.0
VERNON	47,700	2.10	100,000	6,050.0	49,200	1.75	85,400	4,699.0
WARREN	11,400	1.85	21,300	1,214.0	11,500	1.80	20,500	1,054.0
WASHINGTON	13,200	1.80	24,000	1,368.0	13,200	1.50	19,600	1,008.0
WAYNE	11,700	1.35	16,000	1,059.0	11,200	1.45	16,500	998.0
WEBSTER	63,900	1.90	121,000	8,011.0	62,600	1.95	123,000	7,440.0
WORTH	19,800	2.20	43,200	2,507.0	19,600	2.05	39,700	2,084.0
WRIGHT	53,800	2.00	106,500	7,051.0	55,600	1.75	98,300	5,945.0
DISTRICTS								
NORTHWEST	398,000	1.90	756,000	43,848	395,000	2.00	796,000	41,790
NORTH CENTRAL	458,000	1.90	870,000	49,590	460,000	1.67	769,000	39,600
NORTHEAST	247,000	2.15	531,000	29,205	245,000	1.90	469,000	23,230
WEST CENTRAL	376,000	1.95	733,000	44,347	380,000	1.65	620,000	34,120
CENTRAL	690,000	1.90	1,311,000	79,971	695,000	1.65	1,139,000	63,185
EAST CENTRAL	262,000	1.95	511,000	29,127	260,000	1.80	472,000	24,286
SOUTHWEST	457,000	1.90	868,000	57,288	455,000	1.85	845,000	50,851
SOUTH CENTRAL	437,000	1.83	798,000	52,831	435,000	1.80	787,000	47,588
SOUTHEAST	75,000	1.80	135,000	7,830	75,000	1.75	131,000	6,890
STATE	3,400,000	1.92	6,513,000	394,037	3,400,000	1.77	6,028,000	331,540

Grain Stocks, Missouri, 1982 - 1986 1/
(thousand bushels)

CORN

On Farms

Date	1982	1983	1984	1985	1986
Mar. 1	68,501	77,598	29,172	41,688	92,752
June 1	49,819	51,732	16,774	27,792	79,112
Sep. 1	16,600	23,876	4,740	6,948	43,650
Dec. 1	107,444	47,405	80,288	133,672	200,000

Off Farms

Date	1982	1983	1984	1985	1986
Mar. 1	29,051	36,540	23,932	18,843	41,604
June 1	23,007	35,664	16,831	14,818	38,196
Sep. 1	19,376	30,259	7,950	9,729	53,603
Dec. 1	44,054	33,798	28,860	51,194	82,881

Total Stocks

Date	1982	1983	1984	1985	1986
Mar. 1	97,552	114,138	53,104	60,531	134,356
June 1	72,826	87,396	33,605	42,610	117,308
Sep. 1	35,982	54,135	12,690	16,677	97,253
Dec. 1	151,498	81,203	109,148	184,866	282,881

SORGHUM 2/

On Farms

Date	1982	1983	1984	1985	1986
Mar. 1	12,496	10,226	6,003	11,930	
June 1	6,942	5,752	4,402	8,259	18,725
Sep. 1	2,777	2,237	1,001	1,835	6,450
Dec. 1	22,369	13,207	30,284	47,982	

Off Farms

Date	1982	1983	1984	1985	1986
Mar. 1	6,061	11,803	9,356	8,042	
June 1	5,302	11,534	7,062	5,045	30,679
Sep. 1	4,384	9,495	3,706	4,504	32,732
Dec. 1	16,520	16,020	14,974	38,729	

Total Stocks

Date	1982	1983	1984	1985	1986
Mar. 1	18,557	22,029	15,359	19,972	
June 1	12,244	17,286	11,464	13,304	49,404
Sep. 1	7,161	11,732	4,707	6,339	39,182
Dec. 1	38,889	29,227	45,258	86,711	

SOYBEANS

On Farms

Date	1982	1983	1984	1985	1986
Mar. 1	39,000	39,330	20,600	21,730	36,087
June 1	21,000	22,230	9,270	16,298	28,870
Sep. 1	6,000	5,130	4,635	7,606	12,000
Dec. 1	66,690	38,110	46,720	77,587	104,000

Off Farms

Date	1982	1983	1984	1985	1986
Mar. 1	27,733	31,828	23,697	18,521	33,154
June 1	15,932	22,350	17,948	13,066	24,181
Sep. 1	9,811	12,441	6,226	8,153	20,859
Dec. 1	51,664	36,643	30,961	51,794	54,690

Total Stocks

Date	1982	1983	1984	1985	1986
Mar. 1	66,733	71,158	44,297	40,251	69,241
June 1	36,932	44,580	27,218	29,364	53,051
Sep. 1	15,811	17,571	10,861	15,759	32,859
Dec. 1	118,354	74,753	77,681	129,381	158,690

WHEAT

On Farms

Date	1982	1983	1984	1985	1986
Mar. 1	10,395	7,480	9,139	3,362	4,493
June 1	5,775	2,992	2,812	1,261	2,496
Sep. 1	24,255	13,464	15,466	8,986	5,850
Dec. 1	9,724	12,654	9,246	4,992	3,600

Off Farms

Date	1982	1983	1984	1985	1986
Mar. 1	19,695	20,921	19,911	20,358	26,936
June 1	9,230	14,205	18,511	18,542	25,653
Sep. 1	46,866	37,475	48,225	36,470	33,559
Dec. 1	32,902	33,072	29,075	29,701	28,826

Total Stocks

Date	1982	1983	1984	1985	1986
Mar. 1	30,090	28,401	29,050	23,720	31,429
June 1	15,005	17,197	21,323	19,803	28,149
Sep. 1	71,121	50,939	63,691	45,456	39,409
Dec. 1	42,632	45,726	38,321	34,693	32,426

1/ In mid 1986, reference dates for grain stocks surveys changed from the first of October, January and April to the first of September, December and March. The June first date was not changed. Except for soybeans on September 1, figures in the above tables prior to April 1986 reflect data for the following month.

2/ In mid 1986, program modifications changed stocks estimated from quarterly to twice a year on June 1 and September 1.

Total On-Farm Storage Capacity, By Counties, Missouri, December 1, 1986 1/

County	Storage	County	Storage	County	Storage
	-thou bu-		-thou bu-		-thou bu-
ADAIR	3,010	HOLT	13,200	RALLS	3,250
ANDREW	5,600	HOWARD	5,500	RANDOLPH	2,460
ATCHISON	16,940	HOWELL	237	RAY	4,720
AUDRAIN	17,170	IRON	127	REYNOLDS	83
BARRY	202	JACKSON	1,990	RIPLEY	500
BARTON	4,900	JASPER	3,440	ST CHARLES	5,850
BATES	7,270	JEFFERSON	900	ST CLAIR	2,250
BENTON	1,830	JOHNSON	5,970	ST FRANCOIS	660
BOLLINGER	1,710	KNOX	5,470	ST LOUIS	660
BOONE	3,560	LACLEDE	262	STE GENEVIEVE	2,100
BUCHANAN	5,750	LAFAYETTE	10,860	SALINE	13,610
BUTLER	8,790	LAWRENCE	1,420	SCHUYLER	2,010
CALDWELL	4,810	LEWIS	5,810	SCOTLAND	5,400
CALLAWAY	4,610	LINCOLN	6,300	SCOTT	8,590
CAMDEN	105	LINN	3,860	SHANNON	49
CAPE GIRARDEAU	8,860	LIVINGSTON	3,460	SHELBY	7,540
CARROLL	6,720	MCDONALD	93	STODDARD	19,400
CARTER	33	MACON	6,720	STONE	15
CASS	3,760	MADISON	230	SULLIVAN	2,220
CEDAR	650	MARIES	315	TANEY	99
CHARITON	8,980	MARION	4,570	TEXAS	209
CHRISTIAN	390	MERCER	3,010	VERNON	5,280
CLARK	5,680	MILLER	366	WARREN	3,180
CLAY	1,420	MISSISSIPPI	9,470	WASHINGTON	70
CLINTON	3,490	MONITEAU	4,500	WAYNE	645
COLE	1,200	MONROE	6,580	WEBSTER	533
COOPER	6,120	MONTGOMERY	5,160	WORTH	4,530
CRAWFORD	110	MORGAN	1,670	WRIGHT	297
DADE	3,110	NEW MADRID	5,880		
DALLAS	105	NEWTON	1,250	DISTRICTS	
DAVIESS	5,850	NODAWAY	13,660		
DEKALB	4,620	OREGON	270	NORTHWEST	94,310
DENT	182	OSAGE	1,150	NORTH CENTRAL	50,180
DOUGLAS	280	OZARK	17	NORTHEAST	69,220
DUNKLIN	3,580	PEMISCOT	3,040	WEST CENTRAL	43,260
FRANKLIN	2,910	PERRY	5,710	CENTRAL	52,340
GASCONADE	1,000	PETTIS	5,970	EAST CENTRAL	34,610
GENTRY	3,680	PHELPS	262	SOUTHWEST	15,570
GREENE	750	PIKE	7,750	SOUTH CENTRAL	5,501
GRUNDY	5,570	PLATTE	2,550	SOUTHEAST	67,610
HARRISON	3,490	POLK	680		
HENRY	5,230	PULASKI	105	STATE	432,601
HICKORY	420	PUTNAM	2,160		

1/ Includes bins and other structures normally used to store whole grains and oilseeds.

OFF FARM STORAGE FACILITIES 1/ Missouri, December 1, 1982-86

Year	Number	Capacity
		-thous bu-
1982	624	244,650 2/
1983	620	248,110 2/
1984	618	245,530 2/
1985	615	247,550 2/
1986	**612**	**279,450**

1/ Survey date changed from January 1 to December 1 beginning December 1986.
2/ Estimate as of January 1 the following year.

HAY STOCKS ON FARMS 1/ Missouri, 1982-86

Year	May 1	Dec. 1
	- thousand tons-	
1982	1,383	5,218 2/
1983	1,166	4,026 2/
1984	326	4,817 2/
1985	1,268	5,341 2/
1986	**1,433**	**5,546**

1/ Survey date changed from January 1 to December 1 beginning December 1986.
2/ Estimate as of January 1 the following year.

LIVESTOCK

1986 Missouri Livestock Summary

by Julie Brandt

HIGHLIGHTS: Declining hog and cattle numbers continued in Missouri in 1986. There was, however, an overall increase in cash receipts for livestock commodities during 1986. Cattle cash receipts totaled $778 million in 1986, up 3 percent from 1985. The price for cattle was down, but higher marketings accounted for the increase in receipts. Hog cash receipts declined 3 percent to $553 million, the lowest cash receipts since 1977. This decline was caused by a combination of a smaller inventory and fewer marketings. These factors offset a 12 percent increase in the price of hogs to $49.20 per 100 pounds, the highest average price since 1982. Sheep cash receipts were nearly $5 million in 1986, down 15 percent from 1985. The lowered receipts were a result of a 31 percent decrease in 1986 marketings of sheep which offset a general price increase in the industry. Cash receipts from milk at $353 million is only slightly above 1985. The fewer milk cows in 1986 and a lower price for milk was offset by higher production per cow. The value of egg production during 1986 was $53.6 million, an increase of 11 percent over 1985. The value of turkey production increased 10 percent in 1986 to $117 million.

HOGS: The December 1 inventory of Missouri hogs and pigs was estimated at 2.9 million head, down 5 percent from 1985 and 16 percent from 1984. This is the lowest inventory since 1938. Only five states had inventories larger than Missouri's on December 1: Iowa, Illinois, Minnesota, Indiana and Nebraska. The number of operations with hogs continues to decline. Farms with hogs totaled 19,000, 17 percent less than the 23,000 last year and 52.5 percent less than the 40,000 in 1980.

There were 640,000 sows farrowed in 1986, a 13 percent drop from the previous year. The pig crop totaled 4.89 million pigs, down 11 percent from 1985. Pigs per litter averaged 7.64, the highest annual average on record.

CATTLE: Total inventory of cattle and calves on Missouri farms, as of January 1, 1987, totaled 4.60 million head, 4 percent below 1986 and 5 percent below 1985. This inventory is 32 percent below the record January 1 inventory of 6.80 million head set in 1975. Missouri ranks seventh nationally in cattle inventory behind Texas, Kansas, Nebraska, Oklahoma, California and Iowa.

In the state there were 2.22 million head of cows and heifers that have calved, up one percent from last year. Missouri ranks second nationally in all cow numbers after Texas. Beef cows totaled 2.00 million, up 2 percent from January 1, 1986. Milk cows totaled 217,000 head, down 8 percent from last year.

Missouri's 1986 calf crop tallied 2.12 million head, unchanged from 1985 and 4 percent below 1984.

MILK PRODUCTION: Milk production was up 2 percent to 2.93 billion pounds in 1986. The average number of milk cows on hand during the year was 227,000 head, and they produced an average of 12,907 pounds per cow.

Butter production was down 5 percent to 21.9 million pounds. American type cheese showed a 17 percent increase to 69.3 million pounds.

SHEEP: Missouri's sheep and lamb flock totaled 110,000 head as of January 1, 1987. This is a 9 percent increase from the record low 101,000 on hand January 1, 1986. Total value of all sheep and lambs on hand January 1, 1987 was $7.2 million, up 22 percent from last year. The average value per head was $65.50, up from the $58.50 of last year.

CHICKEN AND EGGS: Inventory of all chickens on December 1, 1986 was 8.0 million birds, up 4 percent from 1985. Hens and pullets of laying age totaled 6.3 million, up from 6.0 million on December 1, 1985. The yearly egg production of 1.40 billion eggs was up 3 percent from 1985.

TURKEYS: A total of 13.5 million turkeys was raised in 1986, up one million from the number raised in 1985. The average price of 45.0 cents per pound was up 1.0 cent from a year ago.

LIVESTOCK ON FARMS: Number and Value, by Species, Missouri, January 1, 1983-87

Year	All Cattle and Calves			Milk Cows			Cattle and Calves On Feed
		Value			Value		
	Number	Per Head	Total	Number	Per Head	Total	Number
	-thous head-	-dollars-	-thous dol-	-thous head-	-dollars-	-thous dol-	-thous head-
1983	5,500	360	1,980,000	252	1,010	254,520	100
1984	5,200	355	1,846,000	254	770	195,580	90
1985	4,850	365	1,770,250	225	790	177,750	90
1986	4,800	350	1,680,000	235	750	176,250	85
1987	**4,600**	**390**	**1,794,000**	**217**	**810**	**175,770**	**90**

Year	All Hogs and Pigs 1/			All Sheep and Lambs		
		Value			Value	
	Number	Per Head	Total	Number	Per Head	Total
	-thous head-	-dollars-	-thous dol-	-thous head-	-dollars-	-thous dol-
1983	3,500	86.50	302,750	134	51.00	6,834
1984	3,600	56.00	201,600	128	45.00	5,760
1985	3,450	74.00	255,300	123	54.00	6,642
1986	3,050	65.00	198,250	101	58.50	5,909
1987	**2,900**	**87.50**	**253,750**	**110**	**65.50**	**7,205**

1/ December 1 preceding year.

NUMBER OF LIVESTOCK OPERATIONS: by Species, Missouri, 1982-86 1/

Year	Operations with Cattle	Operations with Milk Cows	Operations with Hogs	Operations with Sheep
		-number-		
1982	100,000	12,000	27,000	3,700
1983	100,000	11,500	27,000	3,900
1984	100,000	11,500	26,000	3,900
1985	98,000	11,000	23,000	3,900
1986	**96,000**	**10,500**	**19,000**	**3,900**

1/ One or more head on hand at any time during year.

LIVESTOCK SLAUGHTER: Number of Federally Inspected Plants and Head Slaughtered, Missouri, 1982-86

Year	Cattle		Hogs	
	Plants	Head Slaughtered	Plants	Head Slaughtered
	-number-	-thousands-	-number-	-thousands-
1982	114	701.3	107	1/
1983	114	701.8	108	1/
1984	121	489.1	110	3,356.4
1985	115	376.5	105	3,179.1
1986	**111**	**419.9**	**104**	**3,580.1**

1/ Not published to avoid individual plant disclosure.

CATTLE AND CALVES: Number on Farms, by Classes, Missouri, January 1, 1983-87

Class	1983	1984	1985	1986	1987
	-thousand head-				
All Cattle and Calves.....	5,500	5,200	4,850	4,800	4,600
All Cows That Have Calved.....	2,475	2,376	2,225	2,190	2,220
Beef Cows.....	2,223	2,122	2,000	1,955	2,003
Milk Cows.....	252	254	225	235	217
Heifers--500 Pounds & Over.	630	626	592	595	550
Beef Cow Replacements....	314	291	257	264	271
Milk Cow Replacements....	99	104	97	110	97
Other.....	217	231	238	221	182
Steers--500 Pounds & Over..	580	568	490	533	470
Bulls--500 Pounds & Over...	117	120	112	106	100
Calves Under 500 Pounds....	1,698	1,510	1,431	1,376	1,260

CATTLE AND CALVES: Inventory, Calf Crop and Disposition, Missouri, 1982-86 1/

Year	On Hand January 1		Calves Born	Inship-ments	Marketings 2/		Farm Slaughter Cattle and Calves	Deaths	
	All Cattle and Calves	All Cows That Have Calved			Cattle	Calves		Cattle	Calves
	-thousand head-								
1982	5,400	2,450	2,340	40	1,530	508	10	72	160
1983	5,500	2,475	2,320	40	1,733	670	12	75	170
1984	5,200	2,376	2,200	40	1,708	639	13	70	160
1985	4,850	2,225	2,120	40	1,355	625	10	75	145
1986	**4,800**	**2,190**	**2,120**	**40**	**1,382**	**762**	**11**	**70**	**135**

1/ Balance sheet estimates. Total of marketings, farm slaughter, deaths, and on-hand at end of year equals total of calf crop, inshipments and on-hand beginning of year.
2/ Excludes interfarm sales within the state.

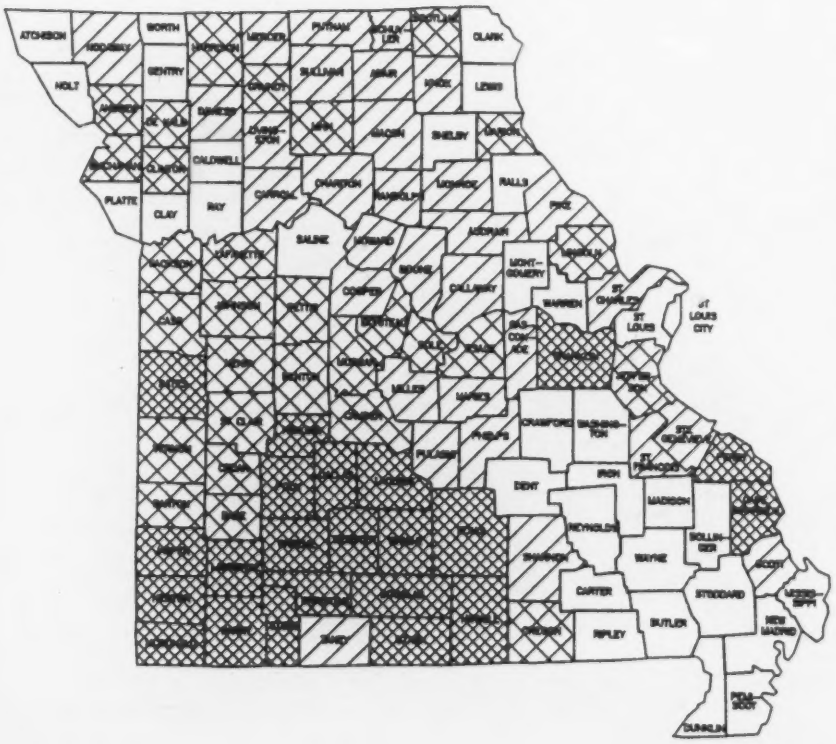
CATTLE AND CALVES: Production and Income, Missouri, 1982-86

Year	Production	Marketings	Price per 100 lbs		Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
			Cattle	Calves				
	-thousand pounds-		-dollars-		-thousand dollars-			
1982	1,581,030	1,522,485	56.50	58.80	898,831	865,003	24,406	889,409
1983	1,585,510	1,731,310	55.40	60.50	889,094	973,056	24,285	997,341
1984	1,432,765	1,682,130	53.50	58.50	778,285	912,962	22,766	935,728
1985	1,402,655	1,402,110	52.00	61.70	752,434	753,840	21,534	775,374
1986	**1,369,990**	**1,470,080**	**50.80**	**60.80**	**723,234**	**777,966**	**20,359**	**798,325**

BEEF COW NUMBERS
By Counties, Jan. 1, 1987
Top Ten Counties

Lawrence	47,200
Greene	40,800
Barry	40,000
Nodaway	38,800
Texas	36,600
Polk	36,600
Howell	36,200
Newton	36,000
Johnson	35,400
Bates	34,800

Over 23,000 Head
18,000 – 22, 999 Head
12,000 – 17,999 Head
Under 12,000 Head



MILK COW NUMBERS
By Counties, Jan. 1, 1987
Top Ten Counties

Wright	15,100
Webster	14,300
Laclede	10,000
Polk	10,000
Lawrence	9,800
Greene	8,600
Texas	8,600
Douglas	8,200
Dallas	8,100
Barry	6,800

Over 2,500 Head
1,000 – 2,499 Head
400 – 999 Head
Under 400 Head

MILK COWS: Number on Farms, by Months, Missouri, 1982-86

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						-thousand head-						
1982 1/	245	245	245	(	246	)	(	248	)	(	250	)
1983	252	252	253	254	256	256	256	254	254	254	254	254
1984	245	232	228	228	228	227	227	227	226	226	225	225
1985	225	224	225	230	233	235	235	235	235	235	235	235
1986	**235**	**234**	**234**	**233**	**232**	**229**	**225**	**223**	**221**	**220**	**219**	**218**

MILK PRODUCTION: Average per Milk Cow, by Months, Missouri, 1982-86

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						-pounds-						
1982 1/	945	840	1,000	(	3,110	)	(	3,000	)	(	2,850	)
1983	970	890	1,030	1,040	1,130	1,070	1,070	1,030	1,000	1,010	970	990
1984	960	925	1,020	1,065	1,140	1,020	1,030	1,015	970	975	940	980
1985	980	890	1,020	1,080	1,150	1,070	1,090	1,070	1,020	1,030	985	990
1986	**1,010**	**920**	**1,070**	**1,160**	**1,210**	**1,120**	**1,120**	**1,110**	**1,050**	**1,060**	**1,030**	**1,055**

MILK PRODUCTION: Total Milk Produced, by Months, Missouri, 1982-86

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						-million pounds-						
1982 1/	232	206	245	(	765	)	(	744	)	(	713	)
1983	244	224	261	264	289	274	274	262	254	257	246	251
1984	235	215	233	243	260	232	234	230	219	220	212	221
1985	221	199	230	248	268	251	256	251	240	242	231	233
1986	**237**	**215**	**250**	**270**	**281**	**256**	**252**	**248**	**232**	**233**	**226**	**230**

1/ For nine months beginning in April 1982, estimates for these reports were changed from monthly to quarterly. Quarterly numbers appear under the middle month of the following quarters: April-June, July-September and October-December.

MILK COWS AND PRODUCTION OF MILK AND MILKFAT: Annual Averages, Missouri, 1982-86

Year	Milk Cows	Per Milk Cow		Milkfat Test	Total	
		Milk	Milkfat		Milk	Milkfat
	-thous head-	-pounds-		-percent-	-million pounds-	
1982	247	11,761	427	3.63	2,905	105
1983	254	12,205	444	3.64	3,100	113
1984	229	12,026	440	3.66	2,754	101
1985	232	12,371	452	3.65	2,870	105
1986	**227**	**12,907**	**469**	**3.63**	**2,930**	**106**

MILK DISPOSITION, INCOME AND VALUE: Missouri, 1982-86

Year	Milk Used Where Produced		Milk Marketed by Producers			Gross Producer Income	Value of Milk Produced
	Used For Milk, Cream and Butter	Fed to Calves	Milk Marketed	Price per Cwt.	Cash Receipts		
	-million pounds-			-dollars-		-thousand dollars-	
1982	12	29	2,864	13.30	380,912	382,508	386,365
1983	13	32	3,055	13.30	406,315	408,044	412,300
1984	14	60	2,680	13.20	353,760	355,608	363,528
1985	14	43	2,813	12.50	351,625	353,375	358,750
1986	**15**	**48**	**2,867**	**12.30**	**352,641**	**354,486**	**360,390**

MANUFACTURED DAIRY PRODUCTS: Quantity by Type, Missouri, 1982-86

Year	Butter	American Type Cheese	Total Cheese 1/	Creamed Cottage Cheese	Lowfat Cottage Cheese	Ice Cream
			-thousand pounds-			-thous gal-
1982	33,288	64,738	131,452	24,298	3,390	18,217
1983	32,512	71,265	138,322	25,812	5,875	19,436
1984	22,358	56,773	133,648	27,194	7,736	20,657
1985	23,151	59,120	141,386	24,340	8,469	19,242
1986	**21,927**	**69,268**	**152,581**	**23,411**	**8,921**	**20,631**

1/ Excluding cottage cheese.

HONEY: Production and Value 1/

Year 2/	Production	Yield Per Colony	Price Per Pound	Value of Production	Number Colonies
	-thous. lb.-	-lbs.-	-cents-	-thous. dol.-	-thous.-
1986	1,590	53	48	763	30

1/ For producers with more than five colonies.
2/ Estimates reinstated in 1986.

ALL CATTLE, BEEF AND MILK COWS: BY Counties, Missouri, January 1, 1986-87

COUNTY	BEEF COWS		MILK COWS		ALL CATTLE		VALUE OF ALL CATTLE	
	1986	1987	1986	1987	1986	1987	1986	1987
	-head-		-head-		-head-		-thousand dollars-	
ADAIR	19,000	19,200	700	600	38,700	36,500	12,807	13,502
ANDREW	11,700	11,200	2,600	2,200	33,600	29,900	12,350	12,177
ATCHISON	13,000	12,500	50	50	30,200	27,000	9,687	9,731
AUDRAIN	14,600	14,500	500	500	48,000	43,500	15,657	15,951
BARRY	37,500	40,000	7,400	6,800	96,200	96,200	35,332	38,996
BARTON	22,400	24,200	1,800	1,700	50,000	50,800	17,100	19,357
BATES	34,800	34,800	3,200	2,900	78,000	73,300	26,918	28,222
BENTON	20,200	20,700	2,400	2,200	49,000	46,500	17,151	18,139
BOLLINGER	14,900	16,200	200	200	30,000	31,200	9,716	11,337
BOONE	18,800	19,100	500	500	41,000	39,000	13,419	14,335
BUCHANAN	8,000	7,700	1,700	1,400	20,400	18,100	7,573	7,416
BUTLER	4,600	4,400	200	150	9,900	8,800	3,289	3,259
CALDWELL	15,200	14,900	400	300	32,400	29,400	10,607	10,756
CALLAWAY	21,600	21,600	900	800	49,000	45,600	16,224	16,901
CAMDEN	10,900	11,100	1,500	1,400	26,000	24,700	9,240	9,786
CAPE GIRARDEAU	17,400	16,500	3,200	2,900	42,900	38,200	15,694	15,615
CARROLL	17,400	17,200	700	600	39,100	36,100	12,935	13,358
CARTER	3,900	4,300	50	50	7,500	7,800	2,429	2,834
CASS	25,200	25,200	2,600	2,400	55,500	52,200	19,352	20,317
CEDAR	20,200	20,200	1,200	1,200	41,500	39,000	14,011	14,792
CHARITON	17,400	17,800	500	500	45,000	42,900	14,698	15,736
CHRISTIAN	27,900	29,100	6,400	5,900	77,000	75,500	28,575	30,973
CLARK	11,600	11,600	150	150	23,800	21,700	7,703	7,892
CLAY	10,600	10,100	200	200	31,900	28,400	10,324	10,331
CLINTON	13,500	13,100	1,300	1,100	38,500	34,800	13,114	13,218
COLE	16,300	16,800	2,400	2,200	39,000	37,000	13,953	14,727
COOPER	22,800	23,400	600	550	56,000	53,200	18,277	19,468
CRAWFORD	15,600	16,100	250	250	31,800	30,000	10,323	10,939
DADE	27,600	30,100	1,600	1,500	62,400	63,900	20,941	23,932
DALLAS	18,300	18,700	9,000	8,100	61,000	58,000	25,065	26,124
DAVIESS	13,400	12,600	1,000	900	31,900	27,900	10,818	10,609
DEKALB	14,700	14,000	1,400	1,200	37,400	33,300	12,824	12,745
DENT	17,500	19,200	300	300	36,800	38,200	11,952	13,917
DOUGLAS	23,700	25,900	8,500	8,200	69,000	71,800	27,314	31,146
DUNKLIN	800	700	*	*	1,800	1,600	588	588
FRANKLIN	21,400	22,200	3,800	3,500	54,200	51,200	19,678	20,677
GASCONADE	13,600	14,200	800	700	29,800	28,400	10,023	10,658
GENTRY	19,500	18,700	350	300	41,200	36,800	13,390	13,414
GREENE	38,800	40,800	9,300	8,600	111,700	110,100	41,462	45,164
GRUNDY	10,800	10,800	1,300	1,100	24,800	23,100	8,733	9,016
HARRISON	28,100	26,600	1,200	1,100	58,800	51,900	19,543	19,360
HENRY	28,900	28,700	1,900	1,800	61,500	57,400	20,839	21,793
HICKORY	13,000	13,400	3,000	2,700	32,000	30,400	12,085	12,683
HOLT	5,900	5,600	150	150	14,300	12,700	4,665	4,660
HOWARD	15,000	14,900	400	400	33,000	30,400	10,799	11,180
HOWELL	33,100	36,200	6,900	6,500	100,500	104,500	36,398	41,781
IRON	5,300	5,700	50	50	12,000	12,500	3,868	4,522
JACKSON	11,700	11,500	1,400	1,200	25,500	23,500	9,019	9,225
JASPER	26,000	27,700	4,200	4,100	63,900	63,900	23,027	25,630
JEFFERSON	7,100	7,400	1,300	1,200	19,200	18,200	6,942	7,321
JOHNSON	35,100	35,400	2,700	2,000	77,500	73,300	26,449	27,634
KNOX	16,100	16,200	600	500	38,100	35,000	12,553	12,898
LACLEDE	25,600	26,300	11,200	10,000	78,000	74,100	31,860	33,149
LAFAYETTE	19,200	19,300	2,500	2,300	54,000	51,200	18,811	19,893
LAWRENCE	44,000	47,200	10,600	9,800	120,900	121,700	45,207	50,115
LEWIS	14,000	14,000	350	350	33,000	30,100	10,768	11,040
LINCOLN	11,700	11,800	2,100	2,000	35,700	33,000	12,713	13,159
LINN	20,100	20,100	1,100	1,000	47,200	44,100	15,772	16,493
LIVINGSTON	10,500	10,100	500	400	23,400	21,000	7,791	7,804
MCDONALD	24,800	26,500	2,900	2,600	58,500	58,500	20,497	22,711
MACON	22,800	22,800	600	500	47,700	44,500	15,623	16,310
MADISON	8,500	9,300	50	50	19,500	20,300	6,266	7,324
MARIES	20,400	20,900	700	600	44,000	41,800	14,502	15,406
MARION	11,200	11,100	1,100	1,000	28,600	26,000	9,825	9,992
MERCER	16,400	15,900	700	700	32,400	29,400	10,792	11,017

ALL CATTLE, BEEF AND MILK COWS: BY Counties, Missouri, January 1, 1986-87

COUNTY	BEEF COWS		MILK COWS		ALL CATTLE		VALUE OF ALL CATTLE	
	1986	1987	1986	1987	1986	1987	1986	1987
	-head-		-head-		-head-		-thousand dollars-	
MILLER	22,800	23,900	500	500	48,000	46,600	15,657	17,064
MISSISSIPPI	1,500	1,400	*	*	3,600	3,200	1,157	1,156
MONITEAU	24,300	24,900	1,100	1,000	59,000	56,000	19,545	20,767
MONROE	16,500	16,500	700	600	41,100	37,500	13,575	13,861
MONTGOMERY	10,700	11,100	150	150	25,200	23,800	8,151	8,646
MORGAN	17,900	18,400	1,500	1,400	41,000	39,000	14,037	14,923
NEW MADRID	1,200	1,200	*	*	2,900	2,600	933	940
NEWTON	33,700	36,000	5,200	4,700	79,300	79,300	28,569	31,553
NODAWAY	40,700	38,800	1,000	900	89,100	78,900	29,108	28,927
OREGON	22,300	24,400	1,900	1,800	55,500	57,700	18,920	21,901
OSAGE	29,300	30,000	2,300	2,100	64,000	60,800	21,885	23,210
OZARK	18,800	20,600	4,800	4,600	60,000	62,400	22,151	25,418
PEMISCOT	700	600	*	*	2,600	2,300	838	833
PERRY	14,400	14,900	3,000	2,800	41,000	38,600	14,963	15,694
PETTIS	22,700	23,200	1,500	1,400	56,000	53,200	18,833	20,023
PHELPS	20,000	20,500	600	450	40,000	38,000	13,161	13,943
PIKE	18,000	18,000	600	600	44,200	40,300	14,504	14,867
PLATTE	9,200	8,700	200	150	20,400	18,100	6,647	6,599
POLK	35,300	36,600	11,200	10,000	105,000	100,700	40,493	42,703
PULASKI	13,000	13,800	400	400	30,000	29,400	9,840	10,821
PUTNAM	21,900	22,000	600	600	46,800	43,700	15,335	16,088
RALLS	10,700	10,800	350	350	24,100	22,000	7,922	8,131
RANDOLPH	11,100	11,500	600	500	24,300	23,500	8,141	8,767
RAY	17,000	16,300	200	200	40,700	36,300	13,138	13,169
REYNOLDS	6,500	7,100	50	50	12,800	13,300	4,124	4,810
RIPLEY	8,900	9,700	50	50	18,000	18,700	5,786	6,749
ST CHARLES	5,300	5,500	900	800	16,800	15,800	5,928	6,198
ST CLAIR	22,600	22,600	1,400	1,300	46,000	43,200	15,574	16,366
ST FRANCOIS	11,400	11,900	900	800	27,000	25,700	9,189	9,754
ST LOUIS	1,300	1,400	50	50	3,100	3,000	1,022	1,110
STE GENEVIEVE	11,800	12,200	450	450	29,800	28,000	9,807	10,351
SALINE	17,800	17,800	300	300	49,000	45,600	15,853	16,575
SCHUYLER	11,900	12,100	900	900	24,800	23,500	8,486	9,029
SCOTLAND	11,300	11,300	1,500	1,300	28,200	25,700	9,944	10,080
SCOTT	4,300	4,100	450	400	12,900	11,400	4,403	4,356
SHANNON	9,100	10,000	600	600	20,200	21,100	6,830	7,971
SHELBY	11,000	11,000	50	50	30,900	28,200	9,911	10,162
STODDARD	6,500	6,100	200	200	13,400	11,900	4,408	4,405
STONE	17,300	18,400	6,300	5,800	50,100	50,100	19,911	21,784
SULLIVAN	27,700	27,500	700	600	55,800	51,700	18,275	18,962
TANEY	12,700	13,900	900	800	27,800	28,900	9,445	10,903
TEXAS	33,500	36,600	8,900	8,600	95,200	99,000	35,939	41,177
VERNON	27,300	27,300	1,900	1,700	60,500	56,900	20,519	21,548
WARREN	6,600	6,700	250	250	16,100	14,800	5,302	5,479
WASHINGTON	9,100	9,600	50	50	20,300	19,500	6,522	7,037
WAYNE	5,900	6,500	50	50	13,500	14,000	4,348	5,061
WEBSTER	23,200	25,200	14,900	14,300	85,500	88,900	36,544	41,274
WORTH	14,500	14,200	150	150	29,200	26,500	9,429	9,616
WRIGHT	22,200	24,200	15,500	15,100	86,200	89,700	37,138	42,084
DISTRICTS								
NORTHWEST	235,000	225,000	11,900	10,300	550,000	490,000	183,217	182,728
NORTH CENTRAL	207,000	207,000	8,900	8,000	450,000	420,000	149,388	156,082
NORTHEAST	135,000	135,000	5,900	5,400	340,000	310,000	112,362	114,874
WEST CENTRAL	225,000	225,000	18,800	16,800	500,000	470,000	171,492	179,790
CENTRAL	406,000	416,000	52,000	47,000	1,000,000	950,000	351,879	371,927
EAST CENTRAL	140,000	145,000	14,000	13,000	350,000	330,000	120,563	127,023
SOUTHWEST	300,000	320,000	55,700	51,500	770,000	770,000	280,621	310,215
SOUTH CENTRAL	270,000	295,000	63,700	61,300	750,000	780,000	279,168	320,209
SOUTHEAST	37,000	35,000	4,100	3,700	90,000	80,000	31,310	31,152
STATE	1,955,000	2,003,000	235,000	217,000	4,800,000	4,600,000	1,680,000	1,794,000

* Less than 25 Head

HOG NUMBERS
By Counties, Dec. 1, 1986
Top Ten Counties

Lafayette	101,600
Pike	97,500
Nodaway	91,200
Lincoln	88,400
Audrain	79,500
Osage	78,800
Monroe	71,000
Shelby	70,000
Pettis	65,600
Saline	65,500

Over 43,000 Head
25,000 – 42,999 Head
10,000 – 24,999 Head
Under 10,00 Head

HOGS AND PIGS: Production and Income, Missouri, 1982-86

Year	Production	Marketings	Price per 100 Pounds	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	-thousand pounds-		-dollars-	-thousand dollars-			
1982	1,142,165	1,124,620	52.50	617,796	608,826	9,056	617,882
1983	1,390,830	1,368,820	46.70	662,787	652,721	6,445	659,166
1984	1,297,710	1,311,781	47.40	625,213	632,061	5,013	637,074
1985	1,233,694	1,276,500	43.90	552,146	571,159	3,714	574,873
1986	**1,098,777**	**1,102,539**	**49.20**	**550,432**	**552,520**	**3,542**	**556,062**

HOGS AND PIGS: Inventory, Pig Crop and Disposition, Missouri, 1982-86 1/

Year	On Hand December 1 Preceeding Year	Pig Crop		Inship-ments	Marketings 2/	Farm Slaughter	Deaths
		Dec-May	Jun-Nov	-thousand head-			
1982	3,400	2,612	3,053	8	5,228	25	320
1983	3,500	3,238	3,312	8	6,148	20	290
1984	3,600	2,906	3,119	8	5,858	15	310
1985	3,450	2,708	2,801	8	5,683	12	222
1986	**3,050**	**2,445**	**2,447**	**8**	**4,850**	**10**	**190**

1/ Balance sheet estimates. Total of marketings, farm slaughter, deaths and on-hand end of year equals total of pig crop, inshipments and on-hand beginning of year. Disposition items for the 12-month period December preceeding year through November of year shown.
2/ Excludes interfarm sales.

HOGS AND PIGS: Total Inventory, Breeding And Market Numbers, Market Numbers by Weight Groups, Quarterly, Missouri, 1982-86

Year	Total Number	For Breeding	Total Market	Under 60 Lbs.	60-119 Lbs.	120-179 Lbs.	180 Lbs. & Over
			-thousand head-				
			March 1				
1982	3,000	475	2,525	960	631	555	379
1983	3,300	545	2,755	1,130	683	584	358
1984	3,250	510	2,740	1,020	675	594	451
1985	3,000	450	2,550	975	640	535	400
1986	**2,800**	**410**	**2,390**	**920**	**580**	**530**	**360**
			June 1				
1982	3,200	510	2,690	1,260	646	460	324
1983	3,800	580	3,220	1,626	695	502	397
1984	3,450	520	2,930	1,470	635	460	365
1985	3,050	475	2,575	1,295	565	375	340
1986	**2,900**	**400**	**2,500**	**1,215**	**580**	**380**	**325**
			September 1				
1982	3,000	450	2,550	1,160	573	459	358
1983	3,700	525	3,175	1,381	756	587	451
1984	3,400	520	2,880	1,267	679	552	382
1985	3,100	475	2,625	1,150	640	465	370
1986	**2,750**	**370**	**2,380**	**970**	**605**	**435**	**370**
			December 1				
1982	3,500	550	2,950	1,330	708	543	369
1983	3,600	510	3,090	1,325	750	575	440
1984	3,450	470	2,980	1,273	730	554	423
1985	3,050	430	2,620	1,130	660	470	360
1986	**2,900**	**420**	**2,480**	**1,015**	**600**	**475**	**390**

HOGS AND PIGS: Percents of Operations and Inventory, By Size Groups, Missouri, 1982-86

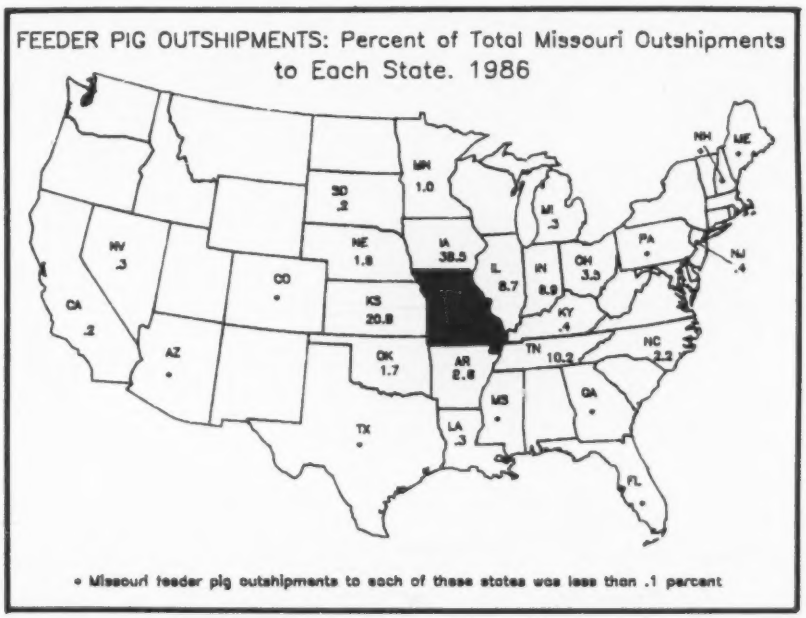
Year	1-99 Head		100-499 Head		500 Head & Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory
			-percent-			
1982	69.8	14.0	25.0	44.0	5.2	42.0
1983	68.2	15.0	25.9	43.3	5.9	41.7
1984	66.9	15.0	26.9	42.6	6.2	42.4
1985	65.2	14.8	28.7	44.7	6.1	40.5
1986	**63.2**	**12.1**	**30.0**	**43.1**	**6.8**	**44.8**

SPRING PIG CROP: Sows Farrowed, Pigs Per Litter and Pig Crop, Missouri, 1982-86

Year	Sows Farrowed			Pigs Per Litter			Pig Crop		
	Dec-Feb	Mar-May	Dec-May	Dec-Feb	Mar-May	Dec-May	Dec-Feb	Mar-May	Dec-May
	-thousands-			-head-			-thousands-		
1982	165	200	365	6.80	7.45	7.16	1,122	1,490	2,612
1983	185	245	430	7.30	7.70	7.53	1,351	1,887	3,238
1984	170	225	395	7.10	7.55	7.36	1,207	1,699	2,906
1985	160	200	360	7.30	7.70	7.52	1,168	1,540	2,708
1986	**140**	**180**	**320**	**7.50**	**7.75**	**7.64**	**1,050**	**1,395**	**2,445**

FALL PIG CROP: Sows Farrowed, Pigs Per Litter and Pig Crop, Missouri, 1982-86

Year	Sows Farrowed			Pigs per Litter			Pig Crop		
	Jun-Aug	Sep-Nov	Jun-Nov	Jun-Aug	Sep-Nov	Jun-Nov	Jun-Aug	Sep-Nov	Jun-Nov
	-thousands-			-head-			-thousands-		
1982	185	230	415	7.30	7.40	7.36	1,351	1,702	3,053
1983	225	230	455	7.10	7.45	7.28	1,598	1,714	3,312
1984	200	220	420	7.40	7.45	7.43	1,480	1,639	3,119
1985	175	200	375	7.55	7.40	7.47	1,321	1,480	2,801
1986	**145**	**175**	**320**	**7.70**	**7.60**	**7.65**	**1,117**	**1,330**	**2,447**



FEEDER PIGS SHIPPED OUT OF MISSOURI, By Months, 1982-86 1/

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	-number of head-												
1982	70,721	37,175	65,125	62,213	82,487	99,965	80,443	72,896	72,483	67,650	63,979	101,736	876,873
1983	74,545	36,036	53,866	67,899	85,300	91,522	70,766	50,068	65,607	55,736	62,532	78,451	792,328
1984	60,015	43,256	53,869	49,188	74,530	75,188	55,011	75,677	61,968	63,147	54,766	80,386	747,001
1985	82,966	48,000	47,054	54,330	77,107	73,647	70,783	45,356	36,809	51,770	40,291	59,007	687,120
1986	**50,763**	**32,288**	**36,368**	**43,963**	**57,074**	**61,473**	**58,090**	**37,464**	**36,477**	**41,274**	**27,793**	**44,984**	**528,011**

1/ Source: Missouri Department of Agriculture, Animal Health Division.

HOGS AND PIGS ON FARMS, BY COUNTIES, MISSOURI, DECEMBER 1, 1985-86

COUNTY	1985	1986	1985 VALUE	1986 VALUE	COUNTY	1985	1986	1985 VALUE	1986 VALUE
	-head-		-thousand dollars-			-head-		-thousand dollars-	
ADAIR	11,800	10,100	767	884	LINN	36,200	31,600	2,353	2,765
ANDREW	38,500	35,500	2,502	3,106	LIVINGSTON	19,800	17,400	1,287	1,522
ATCHISON	31,700	29,300	2,060	2,564	MCDONALD	36,000	40,000	2,340	3,500
AUDRAIN	81,000	79,500	5,265	6,956	MACON	39,700	34,700	2,580	3,036
BARRY	11,000	10,400	715	910	MADISON	10,800	10,100	702	884
BARTON	15,000	16,700	975	1,461	MARIES	20,000	20,100	1,300	1,759
BATES	22,600	21,800	1,469	1,908	MARION	37,300	36,500	2,424	3,194
BENTON	21,100	21,300	1,372	1,864	MERCER	14,700	12,900	956	1,129
BOLLINGER	21,600	20,200	1,404	1,768	MILLER	34,200	35,100	2,223	3,071
BOONE	25,000	25,300	1,625	2,214	MISSISSIPPI	14,400	13,600	936	1,190
BUCHANAN	18,700	17,300	1,216	1,514	MONITEAU	43,900	44,300	2,854	3,876
BUTLER	6,200	5,700	403	499	MONROE	72,400	71,000	4,706	6,212
CALDWELL	29,100	27,400	1,892	2,398	MONTGOMERY	57,600	51,200	3,744	4,480
CALLAWAY	26,800	26,400	1,742	2,310	MORGAN	34,800	35,600	2,262	3,115
CAMDEN	4,600	4,600	299	402	NEW MADRID	4,300	4,100	280	359
CAPE GIRARDEAU	37,700	35,900	2,450	3,142	NEWTON	6,500	7,200	423	630
CARROLL	57,600	50,400	3,744	4,410	NODAWAY	98,600	91,200	6,409	7,980
CARTER	3,400	3,400	221	298	OREGON	25,200	23,500	1,638	2,056
CASS	25,200	24,400	1,638	2,135	OSAGE	77,500	78,800	5,038	6,895
CEDAR	12,200	11,800	793	1,032	OZARK	7,000	6,600	455	578
CHARITON	57,000	50,100	3,705	4,384	PEMISCOT	400	300	26	26
CHRISTIAN	5,300	5,700	345	499	PERRY	48,600	43,200	3,159	3,780
CLARK	32,400	31,800	2,106	2,783	PETTIS	65,000	65,600	4,225	5,740
CLAY	11,400	10,100	741	884	PHELPS	6,900	6,900	448	604
CLINTON	44,800	41,300	2,912	3,614	PIKE	99,400	97,500	6,461	8,531
COLE	17,700	17,800	1,150	1,558	PLATTE	12,500	11,000	813	962
COOPER	60,400	61,000	3,926	5,338	POLK	12,500	12,600	812	1,102
CRAWFORD	8,100	7,200	526	630	PULASKI	5,000	5,200	325	455
DADE	16,500	17,800	1,072	1,558	PUTNAM	9,600	8,400	624	735
DALLAS	5,700	5,800	371	508	RALLS	35,600	35,000	2,314	3,062
DAVIESS	35,400	32,200	2,301	2,818	RANDOLPH	21,400	18,800	1,391	1,645
DEKALB	41,600	37,900	2,704	3,316	RAY	28,600	26,400	1,859	2,310
DENT	5,000	4,600	325	402	REYNOLDS	6,800	6,300	442	551
DOUGLAS	5,800	5,500	377	481	RIPLEY	6,500	6,000	422	525
DUNKLIN	2,200	2,000	143	175	ST CHARLES	40,500	36,000	2,632	3,150
FRANKLIN	67,500	60,800	4,387	5,320	ST CLAIR	16,800	16,200	1,092	1,418
GASCONADE	30,700	27,200	1,996	2,380	ST FRANCOIS	5,000	4,000	325	350
GENTRY	48,100	44,600	3,126	3,902	ST LOUIS	900	800	59	70
GREENE	7,000	7,400	455	648	STE GENEVIEVE	35,500	31,600	2,308	2,765
GRUNDY	24,600	21,600	1,599	1,890	SALINE	65,000	65,500	4,225	5,731
HARRISON	41,000	38,400	2,665	3,360	SCHUYLER	12,200	10,600	793	928
HENRY	29,000	28,000	1,885	2,450	SCOTLAND	33,500	32,900	2,178	2,879
HICKORY	8,000	7,500	520	656	SCOTT	10,900	10,300	708	901
HOLT	22,900	21,600	1,488	1,890	SHANNON	3,300	2,900	215	254
HOWARD	27,400	27,000	1,781	2,362	SHELBY	71,200	70,000	4,628	6,125
HOWELL	20,100	18,800	1,306	1,645	STODDARD	13,900	13,100	904	1,146
IRON	1,100	800	72	70	STONE	3,200	3,500	208	306
JACKSON	11,900	11,500	774	1,006	SULLIVAN	15,400	13,400	1,001	1,172
JASPER	8,500	9,500	552	831	TANEY	2,400	2,200	156	192
JEFFERSON	4,000	3,600	260	315	TEXAS	9,000	8,400	585	735
JOHNSON	43,500	42,000	2,827	3,675	VERNON	23,500	22,700	1,528	1,986
KNOX	33,500	32,900	2,178	2,879	WARREN	45,900	40,800	2,984	3,570
LACLEDE	8,500	8,600	552	752	WASHINGTON	5,800	5,200	377	455
LAFAYETTE	105,300	101,600	6,844	8,890	WAYNE	6,200	5,700	403	499
LAWRENCE	11,000	11,800	715	1,032	WEBSTER	9,400	9,000	611	787
LEWIS	43,700	42,900	2,840	3,754	WORTH	17,100	15,800	1,112	1,382
LINCOLN	99,900	88,400	6,493	7,735	WRIGHT	6,400	6,000	416	525
DISTRICTS									
NORTHWEST	520,000	480,000	33,800	42,000	EAST CENTRAL	450,000	400,000	29,250	35,000
NORTH CENTRAL	320,000	280,000	20,800	24,500	SOUTHWEST	120,000	130,000	7,800	11,375
NORTHEAST	540,000	530,000	35,100	46,375	SOUTH CENTRAL	150,000	140,000	9,750	12,250
WEST CENTRAL	290,000	280,000	18,850	24,500	SOUTHEAST	90,000	85,000	5,850	7,438
CENTRAL	570,000	575,000	37,050	50,312					
					STATE	3,050,000	2,900,000	198,250	253,750

SHEEP AND LAMBS: Number on Farms, by Classes and Lamb Crop, Missouri, January 1, 1982-87

Year	All Sheep & Lambs	Sheep & Lambs on Feed	Stock Sheep				Total	Lamb Crop
			Lambs		1 Year & Older			
			Ewes	Rams & Wethers	Ewes	Rams & Wethers		
	-thousand head-							
1982	138	18	19	5	92	4	120	120
1983	134	16	14	4	96	4	118	112
1984	128	18	12	4	90	4	110	117
1985	123	16	11	3	89	4	107	105
1986	101	10	12	3	72	4	91	108
1987	**110**	**8**	**13**	**5**	**80**	**4**	**102**	**---**

SHEEP AND LAMBS: Number on Farms and Value, by Districts, Missouri, January 1, 1985-87

District	1985		1986		1987	
	Number	Value	Number	Value	Number	Value
	-thous-	-thous dol-	-thous-	-thous dol-	-thous-	-thous dol-
Northwest	23.7	1,280	19.5	1,141	21.2	1,389
North Central	35.9	1,939	29.0	1,697	31.4	2,056
Northeast	24.6	1,329	19.7	1,153	21.0	1,376
West	7.1	383	6.3	369	7.1	465
Central	15.5	837	12.6	737	13.8	904
East	6.8	367	5.7	333	6.1	400
Southwest	4.1	221	3.7	216	4.4	288
South Central & Southeast	5.3	286	4.5	263	5.0	327
State	123.0	6,642	101.0	5,909	110.0	7,205

SHEEP AND LAMBS: Production and Income, Missouri, 1982-86

Year	Production	Marketings	Price per 100 lbs.		Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
			Sheep	Lambs				
	-thousand pounds-		-dollars-		-thousand dollars-			
1982	9,016	9,170	20.00	49.50	3,961	4,199	109	4,308
1983	8,145	8,981	14.50	48.50	3,678	3,761	121	3,882
1984	9,051	9,492	16.00	57.50	4,846	5,043	144	5,187
1985	8,035	10,746	25.00	65.50	4,949	5,781	147	5,928
1986	**8,045**	**7,465**	**30.50**	**68.00**	**5,173**	**4,924**	**153**	**5,077**

WOOL: Production and Value, Missouri, 1982-86

Year	Sheep Shorn	Weight Per Fleece	Wool Produced	Season Average Price Per Pound	Value of Production
	-thous head-	-pounds-	-thous lbs-	-cents-	-thous dol-
1982	140	7.1	989	42	415
1983	140	6.7	936	41	384
1984	132	7.2	944	58	548
1985	102	7.0	711	43	306
1986	**101**	**7.1**	**715**	**46**	**329**

COMMERCIAL LIVESTOCK SLAUGHTER: Number of Head and Liveweight, By Species, by Month, Missouri, 1985-86

Month	Cattle						Calves					
	Number		Average Liveweight		Total Liveweight		Number		Average Liveweight		Total Liveweight	
	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986
	-thous head-		-pounds-		-thous pounds-		-thous head-		-pounds-		-thous pounds-	
Jan	43.3	45.2	957	999	41,389	45,125	.8	.9	325	263	269	231
Feb	31.8	29.0	985	1,013	31,340	29,359	.7	.7	287	261	201	181
Mar	34.6	35.1	995	1,018	34,420	35,775	.7	.7	291	266	202	179
Apr	32.5	41.7	1,002	1,017	32,531	42,357	.7	.9	288	226	195	202
May	34.8	41.9	1,019	1,020	35,453	42,777	.6	.9	304	220	192	195
Jun	33.8	37.6	1,039	1,042	35,157	39,204	.6	.7	291	283	162	185
Jul	34.2	39.4	1,031	1,046	35,233	41,202	.6	.7	274	281	170	195
Aug	28.7	36.4	1,019	1,029	29,205	37,502	.6	.7	314	276	201	182
Sep	28.4	37.9	1,029	1,059	29,174	40,127	.7	.7	319	261	209	174
Oct	41.0	40.2	1,009	1,031	41,321	41,429	.8	.6	268	302	222	189
Nov	39.6	39.6	1,010	1,017	39,981	40,330	.9	.6	267	308	239	191
Dec	46.2	46.8	991	1,011	45,814	47,282	.8	.7	287	319	235	210
Total	428.8	470.9	1,005	1,025	431,018	482,470	8.5	8.6	292	269	2,498	2,314

Month	Hogs						Sheep and Lambs					
	Number		Average Liveweight		Total Liveweight		Number		Average Liveweight		Total Liveweight	
	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986
	-thous head-		-pounds-		-thous pounds-		-thous head-		-pounds-		-thous pounds-	
Jan	258.0	280.6	250	253	64,559	70,926	2.0	1.3	109	112	221	145
Feb	224.7	247.3	247	249	55,492	61,493	1.9	1.2	104	122	195	144
Mar	247.9	306.1	245	247	60,717	75,702	2.1	1.7	104	110	216	184
Apr	267.1	344.8	248	251	66,364	86,454	2.0	.8	108	113	212	87
May	279.6	310.4	252	255	70,511	79,015	1.4	1.3	110	119	156	158
Jun	224.8	266.8	253	252	56,974	67,360	1.5	1.5	109	109	162	161
Jul	236.0	292.2	246	248	58,120	72,472	2.3	1.7	107	110	244	191
Aug	256.1	271.0	245	246	62,689	66,603	2.5	2.2	109	109	270	236
Sep	286.4	317.0	244	252	70,004	79,846	1.8	1.5	109	108	192	162
Oct	364.0	384.4	248	253	90,271	97,283	2.0	1.2	110	98	215	122
Nov	319 8	297.3	253	256	80,905	76,169	1.3	1.3	109	105	139	139
Dec	276.7	314.3	252	258	69,821	81,129	1.5	1.3	110	108	163	138
Total	3,241.1	3,632.3	249	252	806,427	914,453	22.1	17.0	108	110	2,383	1,866

EGGS: Production and Value, Missouri, 1982-86

Year	Eggs Produced	Price Per Dozen	Value of Production
	-millions-	-cents-	-thous. dol.-
1982	1,456	50.6	61,395
1983	1,352	49.3	55,544
1984	1,357	61.0	68,981
1985	1,351	43.0	48,411
1986	**1,397**	**46.0**	**53,552**

CHICKENS: Lost, Sold, and Value of Sales, Missouri, 1982-1986 1/

Year	Number Lost 2/	Number Sold	Pounds Sold	Price Per Pound	Value of Sales
	-thousand head-		-thous lbs-	-cents-	-thous dol-
1982	1,200	5,440	35,904	9.0	3,231
1983	1,200	5,740	37,884	11.0	4,167
1984	1,100	5,340	33,642	17.0	5,719
1985	1,100	5,000	32,000	13.0	4,160
1986	**1,100**	**4,000**	**25,600**	**12.0**	**3,072**

1/ Estimates cover the 12 month period, December 1, previous year through November 30 and excludes broilers.
2/ Includes death and other losses during the 12 month period.

CHICKENS: Number on Farms, by Classes, Missouri, December 1, 1982-86

Year	All Chickens	Hens and Pullets of Laying Age			Pullets Not of Laying Age		Other Chickens
		Hens 1 Year & Older	Pullets of Laying Age	Total	3 Months Old or Older	Under 3-Months Old	
		-thousand head-					
1982	7,700	3,300	3,000	6,300	480	850	70
1983	7,000	2,500	3,100	5,600	490	840	70
1984	7,700	2,400	3,700	6,100	530	1,000	70
1985	7,700	2,100	3,900	6,000	650	1,000	50
1986	**8,000**	**2,700**	**3,600**	**6,300**	**750**	**870**	**80**

TURKEYS: Production and Value, Missouri, 1982-86

Year	Number Raised 1/	Pounds Produced 2/	Price Per Pound 3/	Value of Production
	-thous hd-	-thous lbs-	-cents-	-thous dol-
1982	12,000	236,400	36.0	85,104
1983	13,000	250,900	38.0	95,342
1984	12,000	225,600	46.0	103,776
1985	12,500	242,500	44.0	106,700
1986	**13,500**	**260,550**	**45.0**	**117,248**

1/ Based on turkeys placed Sep. 1, 1984 through Aug. 31, 1985. Exludes young turkeys lost.
2/ Includes home consumption.
3/ Live weight equivalent price.

LAYERS ON FARMS: Average Number, by Months, Missouri, 1982-86 1/

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						-thousands-						
1982	6,250			6,100			5,750			6,100		6,250
1983	6,025	5,800	5,650	5,425	5,350	5,350	5,301	5,151	5,076	5,227	5,452	5,701
1984	5,775	5,876	5,807	5,707	5,675	5,640	5,741	5,776	5,850	5,900	6,000	6,051
1985	5,826	5,576	5,526	5,535	5,498	5,468	5,466	5,565	5,731	5,900	6,000	5,950
1986	**5,920**	**5,899**	**5,831**	**5,870**	**5,860**	**5,750**	**5,730**	**5,760**	**5,890**	**6,050**	**6,200**	**6,300**

EGG PRODUCTION: Eggs per 100 Layers, by Months, Missouri 1982-86 1/

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						-number of eggs-						
1982	5,985			6,054			5,934			6,097		2,112
1983	2,124	1,948	2,159	2,065	2,075	1,963	2,056	2,097	2,049	1,990	1,908	2,035
1984	1,974	1,923	2,135	2,015	1,974	1,791	1,846	1,939	1,880	2,000	1,933	2,000
1985	1,957	1,775	2,009	2,005	2,092	1,993	1,994	1,977	1,954	2,051	1,983	1,916
1986	**1,824**	**1,780**	**2,127**	**2,044**	**2,099**	**1,983**	**1,972**	**2,031**	**1,935**	**2,000**	**2,000**	**2,095**

EGG PRODUCTION: Number of Eggs Produced, by Months, Missouri, 1982-86 1/

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						-million eggs-						
1982	374			369			341			372		132
1983	128	113	122	112	111	105	109	108	104	104	104	116
1984	114	113	124	115	112	101	106	112	110	118	116	121
1985	114	99	111	111	115	109	109	110	112	121	119	114
1986	**108**	**105**	**124**	**120**	**123**	**114**	**113**	**117**	**114**	**121**	**124**	**132**

1/ For 12 months beginning in December 1981, estimates for these reports were changed from monthly to quarterly. Quarterly numbers appear under the middle month of the following quarters: December-February, March-May, June-August and September-November.

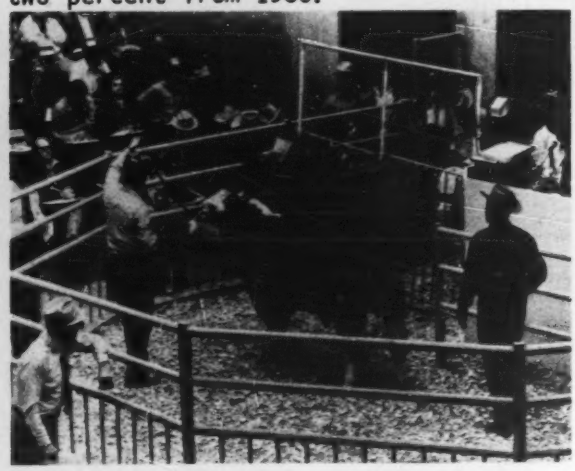
EGG-TYPE CHICKS: Number Hatched at Commercial Hatcheries, By Months, Missouri, 1982-86

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
							-thousands-						
1982	978	1,092	1,949	1,964	2,039	1,623	1,316	1,099	1,036	900	815	853	15,664
1983	794	960	1,506	1,628	1,771	1,401	841	840	548	623	604	753	12,269
1984	716	1,034	1,797	1,769	1,544	1,392	1,090	858	513	594	647	585	12,539
1985	632	795	1,318	1,484	1,354	1,095	1,097	650	703	.874	689	714	11,405
1986	**655**	**722**	**1,528**	**1,815**	**1,448**	**1,056**	**1,236**	**1,087**	**980**	**727**	**672**	**650**	**12,576**

FARM INCOME

FARM INCOME
by: Joseph Parsons

CASH RECEIPTS: Missouri farm marketings totaled 3.51 billion, a decrease of five percent from 1985. Cash receipts from farm marketings have declined seven years in a row. Crop receipts were 1.55 billion, down thirteen percent from a year ago. Livestock and livestock product receipts were 1.96 billion, up two percent from 1985.



LIVESTOCK PRICES: Season average prices for hogs were up from $43.90 per hundredweight in 1985 to $49.20 in 1986. The peak price was $61.60 in August. Beef cattle were down from last year's season average price of $52.00 per hundredweight. The 1986 season average price was $50.80, and peaked at $54.20 during August. Beef cows averaged $36.90, down from 1985's $37.80, with a peak price of $39.00 that occurred in March and September. Steer and heifer average price was $57.30, down from $58.20 in 1985. Calf prices were also down at $60.80 compared to 1985's $61.70. Average price for sheep was at an all-time high of $30.50 per hundredweight in 1986, up from $25.00 in 1985. Milk prices averaged $12.30 per hundredweight. Egg prices averaged 46.0 cents per dozen.

CROP PRICES: In 1986 crop prices were down from 1985. Corn prices averaged $1.40 per bushel; down from $2.14 in 1985. Corn prices peaked in May and fell to $1.29 in October. Soybean prices averaged $4.50 per bushel during 1986 with a high of $5.26 in May and a low of $4.46 in October. Wheat prices ranged from $3.35 per bushel in April to a low of $2.22 in July. All hay prices ranged from $60.00 a ton in January and February to $52.00 in July.

EXPORT VALUES: The value of Missouri agricultural exports totaled $910.4 million in 1986 compared with the revised figure of $861.5 million in 1985. This year was the first year since 1982 that Missouri agricultural exports increased. Soybeans and soybean products totaled $479.2 million, up from $307.5 million in 1985. Feed grains and products were second in importance with an export value of $192.3 million.

PRICES RECEIVED: Average Prices Received by Farmers For Principal Commodities, Missouri, 1982-86 1/

Commodity	1982	1983	1984	1985	1986
			-dollars-		
Calves, cwt.	58.80	60.50	58.50	61.70	60.80
Beef Cattle, cwt.	56.50	55.40	53.50	52.00	50.80
Hogs, cwt.	52.50	46.70	47.40	43.90	49.20
Milk, Wholesale, All, cwt.	13.30	13.30	13.20	12.50	12.30
Eggs, doz.	.506	.493	.610	.430	.460
Turkeys, lb.	.360	.380	.460	.440	.450
Broilers, lb.	.270	.290	.340	.310	.360
Soybeans, bu.	5.62	7.87	5.84	4.96	4.50
Corn, bu.	2.70	3.40	2.69	2.14	1.40
Wheat, bu.	2.93	3.34	3.19	2.88	2.35
Sorghum, cwt.	3.80	5.30	4.10	3.35	2.20
All Hay, ton	58.00	67.50	69.00	60.50	55.00
Cotton, lb.	.604	.685	.585	.568	.515
Cottonseed, ton	62.00	162.00	86.500	52.00	63.00
Oats, bu.	2.10	2.15	2.25	1.33	1.05
Tobacco, lb.	1.795	1.790	1.857	1.580	1.548
Rye, bu.	3.00	3.10	3.00	2.50	1.75
Rice, cwt.	8.65	9.49	8.70	7.05	3.80 2/

1/ Method of calculating prices modified in 1986 and does not include allowances for the value of crops under loan.
2/ 1986 price based on U.S. price.

PRICES RECEIVED: Prices Received by Farmers for Specified Commodities, By Months, Missouri, 1982-86

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						All Farm Products Index						
						1977=100						
1982	122	125	126	130	134	132	131	130	126	121	121	115
1983	125	129	129	130	130	127	127	135	136	133	132	135
1984	138	136	139	138	138	136	132	129	125	121	126	124
1985	124	125	139	123	119	118	118	112	109	112	114	112
1986	**111**	**113**	**113**	**110**	**113**	**113**	**117**	**119**	**115**	**111**	**112**	**109**
						All Hogs						
						-dollars per cwt-						
1982	43.80	48.00	48.30	51.20	56.80	57.60	58.00	61.60	61.10	55.70	52.00	53.40
1983	55.70	56.30	50.40	46.70	46.10	44.10	43.60	47.20	44.40	40.40	37.70	44.80
1984	49.10	46.00	46.20	47.80	47.50	49.30	52.30	51.00	46.10	43.70	47.10	48.40
1985	47.70	48.40	43.30	40.90	41.40	44.50	45.60	42.20	39.80	43.00	43.40	45.30
1986	**44.00**	**42.50**	**40.10**	**39.50**	**46.00**	**52.60**	**58.60**	**61.60**	**57.10**	**52.80**	**52.20**	**49.50**
						Barrows and Gilts						
						-dollars per cwt-						
1982	44.70	48.90	48.70	51.30	57.40	58.60	58.80	62.70	61.80	55.90	52.60	54.20
1983	56.50	56.70	50.50	46.90	46.50	45.20	45.00	48.80	45.10	40.70	38.40	45.80
1984	49.80	46.20	46.40	48.10	47.90	50.10	53.60	52.10	46.70	44.10	47.70	49.60
1985	48.50	48.70	43.40	40.90	41.70	45.50	46.90	43.00	40.30	43.80	43.90	46.60
1986	**45.10**	**43.20**	**40.30**	**39.60**	**46.60**	**53.90**	**60.50**	**62.80**	**57.60**	**53.20**	**52.80**	**50.90**

PRICES RECEIVED: Prices Received by Farmers for Specified Commodities, By Months, Missouri, 1982-86 (Cont.)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Sows						
						-dollars per cwt-						
1982	39.20	44.30	46.00	50.30	52.80	51.80	51.90	54.80	56.00	53.80	47.30	46.00
1983	49.60	53.60	48.90	44.80	41.60	36.10	34.70	37.90	39.70	36.70	32.70	37.50
1984	44.60	44.40	44.60	45.60	43.90	42.60	44.40	43.70	41.90	40.10	41.80	40.10
1985	41.10	46.20	42.30	41.30	37.70	37.50	37.10	36.40	35.30	37.40	38.90	37.70
1986	**37.70**	**38.40**	**38.30**	**38.80**	**41.50**	**45.70**	**50.00**	**54.90**	**54.30**	**49.60**	**47.80**	**42.10**
						Beef Cattle						
						-dollars per cwt-						
1982	51.00	54.70	57.20	59.30	61.20	60.20	58.90	59.50	58.50	55.00	54.60	51.70
1983	54.90	57.90	59.80	59.90	59.70	56.90	55.10	53.80	51.70	51.00	51.50	51.90
1984	53.10	57.40	56.30	55.60	53.80	51.50	51.60	52.00	53.40	50.10	53.10	51.30
1985	51.90	55.20	54.70	56.40	52.60	50.20	48.10	49.10	48.90	51.00	52.20	47.50
1986	**50.40**	**50.30**	**51.00**	**48.40**	**47.50**	**46.20**	**50.40**	**54.20**	**53.60**	**51.60**	**51.90**	**49.60**
						Steers and Heifers						
						-dollars per cwt-						
1982	56.30	59.90	61.80	64.00	67.40	65.10	63.00	63.50	62.10	58.70	58.60	57.70
1983	58.90	61.60	63.30	64.30	63.80	61.60	58.90	57.30	55.50	55.10	56.30	58.60
1984	60.90	62.90	62.50	60.90	59.90	57.80	58.20	58.10	59.00	57.80	60.60	60.10
1985	61.60	63.80	61.00	61.20	58.90	56.70	52.80	54.30	54.00	56.50	57.40	55.40
1986	**57.50**	**56.80**	**56.30**	**53.50**	**52.90**	**52.20**	**55.90**	**59.60**	**59.90**	**59.00**	**59.10**	**58.80**
						Cows						
						-dollars per cwt-						
1982	38.50	40.70	42.00	39.20	41.70	41.30	40.80	39.80	38.30	38.50	36.00	34.30
1983	38.50	43.30	44.10	40.20	42.40	40.50	40.50	36.40	35.30	34.10	32.90	31.70
1984	37.30	40.60	40.60	40.10	39.60	39.40	38.60	36.80	34.30	35.10	33.20	33.10
1985	38.00	41.40	42.40	41.10	40.90	38.60	36.10	35.90	34.50	34.00	33.90	33.50
1986	**34.50**	**38.80**	**39.00**	**35.90**	**36.60**	**37.30**	**36.70**	**36.80**	**39.00**	**37.50**	**34.90**	**36.50**
						Calves						
						-dollars per cwt-						
1982	55.20	55.90	59.90	61.50	62.80	60.50	59.40	65.40	61.90	57.70	56.60	55.90
1983	60.90	66.20	67.10	64.60	65.80	63.10	56.80	53.40	53.40	54.30	58.30	56.70
1984	57.40	62.00	61.00	61.20	60.10	56.60	56.00	55.70	55.20	55.70	58.30	57.30
1985	61.50	64.60	65.50	67.10	65.60	61.10	57.20	59.80	58.20	58.20	59.50	56.00
1986	**60.20**	**62.60**	**61.90**	**59.20**	**58.40**	**55.40**	**58.90**	**63.20**	**62.10**	**61.40**	**61.20**	**60.90**
						Turkeys						
						-cents per pound-						
1982	30.0	31.0	31.0	31.0	32.0	36.0	38.0	39.0	42.0	42.0	40.0	28.0
1983	29.0	30.0	33.0	32.0	37.0	39.0	38.0	37.0	44.0	44.0	45.0	50.0
1984	42.0	40.0	40.0	41.0	41.0	41.0	43.0	46.0	48.0	54.0	59.0	62.0
1985	47.0	36.0	36.0	35.0	35.0	38.0	42.0	46.0	50.0	56.0	56.0	56.0
1986	**33.0**	**34.0**	**36.0**	**38.0**	**41.0**	**47.0**	**51.0**	**52.0**	**52.0**	**53.0**	**51.0**	**39.0**
						Eggs						
						-cents per dozen-						
1982	51.7	54.8	61.5	54.6	42.9	40.0	47.2	38.5	42.8	46.6	46.6	39.4
1983	39.1	43.0	44.8	42.7	49.4	44.1	41.8	48.9	52.4	58.1	69.4	76.1
1984	90.1	81.7	63.7	84.6	53.7	44.9	45.7	43.0	42.4	38.3	47.9	44.5
1985	31.3	32.3	40.5	36.4	32.9	38.9	36.1	44.1	48.7	50.2	53.7	50.0
1986	**48.8**	**44.4**	**49.9**	**37.4**	**37.7**	**30.8**	**40.8**	**47.8**	**47.9**	**40.3**	**51.1**	**50.1**

PRICES RECEIVED: Prices Received by Farmers for Specified Commodities, By Months, Missouri, 1982-86 (Cont.)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
					Milk, Wholesale, All							
					-dollars per cwt-							
1982	13.70	13.70	13.40	13.00	12.80	12.90	12.90	12.90	13.10	13.40	13.70	13.80
1983	13.70	13.60	13.40	13.40	12.90	12.90	12.90	12.90	13.10	13.50	13.70	13.80
1984	13.70	13.20	13.10	12.80	12.50	12.70	12.70	12.80	13.30	13.70	14.00	14.00
1985	14.00	13.70	13.10	12.50	12.20	11.90	11.80	11.80	12.00	12.40	12.50	12.60
1986	**12.40**	**12.30**	**12.00**	**11.70**	**11.80**	**11.70**	**11.80**	**12.00**	**12.40**	**12.90**	**13.30**	**13.40**
					Corn							
					-dollars per bushel-							
1982	2.52	2.43	2.46	2.59	2.67	2.74	2.70	2.56	2.16	2.05	2.22	2.37
1983	2.45	2.63	2.81	3.21	3.20	3.25	3.31	3.60	3.45	3.33	3.42	3.39
1984	3.31	3.25	3.33	3.53	3.56	3.63	3.53	3.37	2.83	2.66	2.61	2.58
1985	2.65	2.68	2.75	2.79	2.79	2.78	2.73	2.50	2.21	2.04	2.15	2.20
1986	**2.21**	**2.25**	**2.30**	**2.36**	**2.38**	**2.37**	**1.96**	**1.59**	**1.35**	**1.29**	**1.38**	**1.43**
					Soybeans							
					-dollars per bushel-							
1982	6.12	6.11	5.98	6.20	6.32	6.21	5.99	5.77	5.16	5.00	5.15	5.40
1983	5.53	5.68	5.76	6.01	6.06	5.98	6.31	7.52	8.51	8.16	7.85	7.69
1984	7.75	7.17	7.64	7.79	8.18	8.06	6.95	6.48	5.96	5.94	6.02	5.79
1985	5.92	5.76	5.87	5.88	5.72	5.68	5.48	5.07	4.94	4.79	4.82	4.83
1986	**4.99**	**5.10**	**5.19**	**5.10**	**5.26**	**5.16**	**5.09**	**4.94**	**4.75**	**4.46**	**4.48**	**4.48**
					Wheat							
					-dollars per bushel-							
1982	3.47	3.43	3.29	3.38	3.14	3.09	2.80	2.87	2.76	2.63	2.98	3.20
1983	3.14	3.23	3.21	3.27	3.17	3.23	3.17	3.45	3.43	3.32	3.27	3.33
1984	3.35	3.35	3.37	3.54	3.38	3.23	3.09	3.31	3.29	3.28	3.42	3.40
1985	3.30	3.39	3.36	3.45	3.20	2.92	2.87	2.71	2.69	2.65	2.94	3.16
1986	**3.11**	**3.08**	**3.19**	**3.35**	**3.20**	**2.34**	**2.22**	**2.32**	**2.24**	**2.54**	**2.59**	**2.49**
					All Hay							
					-dollars per ton-							
1982	67.00	68.00	63.00	60.00	62.00	58.00	55.00	55.00	53.00	57.00	59.00	60.00
1983	60.00	60.00	60.00	57.00	57.00	57.00	57.00	59.00	62.00	63.00	65.00	66.00
1984	72.00	74.00	76.00	76.00	72.00	69.00	66.00	69.00	69.00	69.00	70.00	71.00
1985	72.00	70.00	68.00	67.00	65.00	62.00	62.00	61.00	60.00	60.00	59.00	59.00
1986	**60.00**	**60.00**	**59.00**	**58.00**	**56.00**	**55.00**	**52.00**	**55.00**	**55.00**	**54.00**	**54.00**	**55.00**
					Sorghum							
					-dollars per cwt-							
1982	4.10	4.35	4.11	4.25	4.14	4.13	4.26	3.81	3.73	3.61	3.40	4.05
1983	4.16	4.36	4.69	5.10	5.10	5.30	5.39	5.87	5.32	5.23	5.35	5.25
1984	5.28	5.16	5.27	5.53	5.43	5.65	5.40	4.86	4.14	3.91	3.91	4.03
1985	4.38	4.26	4.44	4.67	4.64	4.68	4.62	3.97	3.11	3.22	3.16	3.22
1986	**3.28**	**3.72**	**3.79**	**3.73**	**4.32**	**3.86**	**3.32**	**2.44**	**2.25**	**1.98**	**2.01**	**1.97**

MARKETING OF MAJOR CROPS: Estimated Percent of Farm Sales, Monthly, Missouri, 1981-82 thru 1985-86

Marketing Year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
					-Corn-							
1981-82	16	14	16	11	12	7	5	5	3	3	4	4
1982-83	10	13	9	6	9	6	12	8	7	7	5	8
1983-84	11	15	11	10	13	9	7	5	5	5	6	3
1984-85	13	16	16	7	8	6	8	6	5	5	5	5
1985-86	**10**	**20**	**15**	**15**	**12**	**3**	**3**	**4**	**5**	**3**	**4**	**6**
					-Soybeans-							
1981-82	7	19	14	8	12	8	7	10	7	2	3	3
1982-83	3	17	15	10	15	7	8	6	4	3	6	6
1983-84	7	24	11	8	13	6	9	6	9	3	2	2
1984-85	3	7	30	11	9	6	9	7	4	5	4	5
1985-86	**3**	**11**	**14**	**19**	**20**	**6**	**8**	**5**	**4**	**4**	**3**	**3**
					-Sorghum-							
1981-82	43	19	11	4	7	6	2	1	2	1	1	3
1982-83	51	20	11	5	5	2	2	1	1	1	1	0
1983-84	25	19	18	6	8	4	9	3	2	2	2	2
1984-85	24	24	19	8	10	3	2	2	3	2	1	2
1985-86	**8**	**24**	**18**	**15**	**10**	**5**	**6**	**3**	**7**	**1**	**1**	**2**

Marketing Year	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
					-Wheat-							
1981-82	18	31	16	12	3	2	4	5	3	3	2	1
1982-83	28	41	16	4	1	1	1	3	2	1	1	1
1983-84	4	33	48	3	1	2	2	1	1	2	2	1
1984-85	10	51	18	6	3	2	2	2	1	1	2	2
1985-86	**25**	**57**	**5**	**4**	**1**	**2**	**1**	**2**	**1**	**1**	**1**	**-**

Marketing Year	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
					-All Hay-							
1981-82	3	8	13	6	5	6	9	9	20	9	8	4
1982-83	4	9	12	10	6	6	9	7	11	13	8	5
1983-84	3	16	9	2	4	2	3	6	15	13	19	8
1984-85	3	13	16	5	4	2	6	6	15	12	12	6
1985-86	**4**	**22**	**8**	**7**	**6**	**3**	**3**	**13**	**9**	**13**	**10**	**2**

PRICES PAID: Average Prices Paid by Farmers for Selected Items, Specified Dates, Corn Belt, 1986 1/

Item	January	April	July	October
		-dollars-		
Diesel Fuel, Bulk Del., per gallon	1.01	.728	.604	.640
Gasoline, Service Sta., unleaded per gallon	1.13	.843	.851	.800
Gasoline, Bulk Del., per gallon	1.05	.836	.835	.810
Bran, per cwt	8.80	8.36	8.20	8.00
Middlings, per cwt	9.00	8.14	7.60	7.00
Cottonseed Meal, 41%, per cwt	10.50	12.50	12.70	12.60
Soybean Meal, 44%, per cwt	10.50	10.30	10.60	10.60
Corn Meal, per cwt	6.70	5.26	5.40	4.60
Hog Feed, 14-18%, per cwt	9.30	9.12	8.90	8.80
Hog Concentrate, 38-42%, per cwt	12.70	13.00	13.20	13.20
Beef Cattle Concentrate, 32-36%, per cwt	10.50	11.80	11.80	12.20
Dairy Feed, 16%, per ton	166.00	170.00	161.00	155.00
Dairy Concentrate, 32%, per ton	230.00	248.00	245.00	260.00
Chick Starter, per ton	215.00	221.00	215.00	200.00
Laying Feed, per ton	175.00	186.00	187.00	183.00
Broiler Grower, per ton	210.00	212.00	210.00	187.00
Turkey Grower, per ton	200.00	209.00	215.00	205.00
Molasses, per cwt	9.20	8.77	9.30	9.80
Stock salt, per cwt	4.90	6.51	6.50	6.50

1/ Beginning in April 1986, prices paid data summarized by region. January data shows state level prices.

FEEDER PIG PRICES: Quarterly, Missouri, 1982-86

Year	February	May	August	November
		-dollars per cwt.-		
1982	64.00	100.00	107.00	93.00
1983	96.00	76.00	50.00	48.00
1984	75.00	85.00	71.00	68.00
1985	71.00	79.00	64.00	68.00
1986	**68.00**	**75.00**	**105.00**	**100.00**

EXPORT VALUES OF AGRICULTURAL COMMODITIES: Missouri, 1982-86 1/

Commodity	1982	1983	1984	1985	1986
			-million dollars-		
Wheat and wheat products	383.7	197.5	172.1	145.0	97.5
Rice	23.6	24.5	28.0	18.8	19.4
Feed grains and feed grain products	257.4	227.5	232.0	254.6	192.3
Soybeans and soybean products	655.7	607.1	475.3	307.5	479.2
Cotton and linters	23.2	29.0	22.6	28.3	10.5
Cottonseed and cottonseed products	2.5	2.2	1.1	2.1	1.7
Dairy products	11.5	10.7	11.8	11.8	11.7
Poultry products	9.8	7.8	5.9	8.3	9.4
Live animals and meat, excluding poultry	30.3	28.6	26.1	19.9	18.7
Fats, oils and greases	16.1	12.9	14.7	8.3	5.2
Hides and skins	18.8	18.4	24.7	16.1	14.6
Other	50.1	46.5	41.3	40.8	50.2
Total Agricultural Exports	1,482.7	1,212.7	1,055.6	861.5	910.4

1/ Fiscal year, October-September

MISSOURI: 1986 FARM FINANCE DATA BY DEBT TO ASSET RATIO

		DEBT TO ASSET RATIO						
	UNIT	0	.01 to .29	.30 to .49	.50 to .69	.70 to .99	1.00 & Over	ALL FARMS
GENERAL:								
FARMS REPORTING	%	40	36	14	5	3	2	100
AGE OF OPERATOR		63	55	48	42	41	45	56
YEARS OPERATED A FARM		30	25	21	15	19	20	26
ACRES OPERATED PER FARM		271	451	474	469	718	441	392
EXPECT TO FARM IN 1987	%	93	97	98	97	100	69	95
FARM INCOME PER FARM:								
GROSS FARM SALES	$	17,714	47,995	94,352	72,208	106,755	53,623	45,697
CASH EXPENDITURES	$	12,512	34,631	67,344	60,074	87,327	49,398	33,778
INTEREST PAID	$	253	3,457	13,760	11,918	17,467	13,505	4,735
NET CASH FARM INCOME	$	5,202	13,364	27,008	12,134	19,428	4,226	11,919
OFF FARM INCOME	$	16,891	21,307	22,894	24,563	13,355	17,526	19,588
CONTRIBUTED BY WIFE	%	26	27	27	24	44	27	27
CONTRIBUTED BY HUSBAND	%	74	73	73	76	56	73	73
FAMILY INCOME	$	22,093	34,671	49,902	36,697	32,783	21,751	31,507
ALL FARM FINANCES: (AVG/FARM)								
Real Estate ASSETS	$	115,863	197,750	217,023	145,875	166,915	123,312	162,356
Non-Real Estate ASSETS	$	80,771	107,373	118,567	101,226	121,528	66,490	97,598
TOTAL ASSETS	$	196,635	305,122	335,590	247,100	288,442	189,802	259,954
TOTAL DEBT	$	0	38,402	130,988	149,678	239,357	225,873	52,612
Real Estate DEBT	$	0	25,025	93,260	99,499	144,474	172,646	35,610
NON-Real Estate DEBT	$	0	13,377	37,728	50,179	94,883	53,227	17,001
DEBT/ASSET RATIO		--	0.13	0.39	0.61	0.83	1.19	0.20
DEBT/1986 CASH FARM INCOME		--	2.87	4.85	12.34	12.32	53.45	4.41
DEBT/1986 FAMILY INCOME		--	1.11	2.62	3.00	7.30	10.38	1.67
FARMS WITH DEBT:								
LOAN PAYMENTS CURRENT:								
REAL ESTATE								
PRINCIPAL & INTEREST	%	--	98	92	90	75	62	93
INTEREST ONLY	%	--	99	97	90	75	62	95
OPERATING								
PRINCIPAL & INTEREST	%	--	99	91	83	67	67	92
INTEREST ONLY	%	--	100	93	87	72	67	94

1986 AGRICULTURE FINANCE SURVEY

The Department of Agricultural Economics, University of Missouri-Columbia cooperated with the Missouri Department of Agriculture on the 1986 Missouri Farm Finance Survey. Survey questionnaires were mailed to 2,000 farm producers to obtain current information on their financial situation.

FARM FINANCE DATA BY DEBT/ASSET RATIO

Survey results indicated 60 percent of Missouri farm operators had real estate or operating debt. Ninety-five percent of all operators surveyed expected to operate in 1987. The overall debt to asset ratio reported was .20. Over 90 percent of operators with debt were current on principal and interest payments.

Farm operators with no debt were older, had farmed longer and reported less acres operated than other categories. The .01 to .29 debt/asset ratio category accounted for 60 percent of the farms with debt. The .30 to .49 group reported the highest average farm income, family income and total assets.

The .50 to .69 group reported the highest off-farm income. The .70 to .99 debt/asset ratio group was the youngest, reported operating the largest farms and, had the highest average total debt. Farms with debt to asset ratios over 1.00 had the highest real estate debt and lowest net cash farm income. About two-thirds of this group were current on principal and interest payments and expected to farm in 1987.

MISSOURI: 1986 FARM FINANCE DATA BY REGION

		REGION				
	UNIT	NORTH	CENTRAL	SOUTH W. & SOUTH C.	SOUTH-EAST	STATE
GENERAL:						
FARMS REPORTING	%	24	39	30	7	100
AGE OF OPERATOR		55	57	56	49	56
YEARS OPERATED A FARM		27	26	25	22	26
ACRES OPERATED PER FARM		452	326	381	630	392
EXPECT TO FARM IN 1987	%	93	96	96	97	95
FARM INCOME PER FARM:						
GROSS FARM SALES	$	60,271	32,458	36,948	113,129	45,697
CASH EXPENDITURES	$	45,993	24,395	25,082	86,183	33,778
INTEREST PAID	$	7,180	3,697	2,830	10,829	4,735
NET CASH FARM INCOME	$	14,278	8,063	11,867	26,946	11,919
OFF FARM INCOME	$	16,411	21,439	20,568	15,633	19,588
CONTRIBUTED BY WIFE	%	28	26	25	40	27
CONTRIBUTED BY HUSBAND	%	72	74	75	60	73
FAMILY INCOME	$	30,689	29,502	32,435	42,579	31,507
ALL FARM FINANCES: (AVG/FARM)						
Real Estate ASSETS	$	163,019	164,852	148,860	208,150	162,356
Non-Real Estate ASSETS	$	117,995	85,391	90,320	129,659	97,598
TOTAL ASSETS	$	281,014	250,243	239,179	337,809	259,954
TOTAL DEBT	$	78,295	41,636	32,203	118,982	52,612
Real Estate DEBT	$	51,958	30,389	20,297	77,957	35,610
Non-Real Estate DEBT	$	26,337	11,247	11,906	41,025	17,001
DEBT/ASSET RATIO		0.28	0.17	0.13	0.35	0.20
DEBT/1986 CASH FARM INCOME		5.48	5.16	2.71	4.42	4.41
DEBT/1986 FAMILY INCOME		2.55	1.41	0.99	2.79	1.67
PERCENT OF ALL FARMS DEBT/ASSET RATIO:						
Less than .40	%	72	87	90	67	83
.40 to .69	%	17	10	8	20	11
.70 and over	%	11	3	2	13	6
FARMS WITH DEBT:						
PERCENT OF ALL FARMS	%	68	58	52	82	60
ASSETS PER FARM	$	323,433	278,753	283,452	388,274	301,765
DEBT PER FARM	$	114,729	71,889	61,722	145,009	87,353
DEBT/ASSET RATIO		0.35	0.26	0.22	0.37	0.29
LOAN PAYMENTS CURRENT:						
REAL ESTATE						
PRINCIPAL & INTEREST	%	91	94	94	90	93
INTEREST ONLY	%	99	98	96	100	98
OPERATING						
PRINCIPAL & INTEREST	%	96	93	88	83	92
INTEREST ONLY	%	96	95	90	88	94

FARM FINANCE DATA BY REGION

Southeast Missouri farmers reported the highest average total assets and average total debt, resulting in the highest debt/asset ratio, at .35, in the state. Over eighty percent of the farms in the Bootheel had debt. In addition, those surveyed in the southeast were the youngest and operated the largest acreage in the state. The southeast region also reported the largest family income and by far the highest net cash farm income.

The northern third of the state reported the second highest debt/asset ratio, at .28, and second largest acreage operated. Ninety-three percent of the northern operators expect to continue farming in 1987. Farms in the central and southern areas, excluding the Bootheel, generally had a much lower debt to asset ratio, were smaller and relied heavily on off-farm income compared to other areas of the state. Only two to three percent of the farms in these counties were highly leveraged with a debt to asset ratio above .70, compared to about twelve percent in other regions of the state.

BALANCE SHEET OF MISSOURI'S FARMING SECTOR: January 1, 1982-86 1/

Item	1982	1983	1984	1985	1986
			-million dollars-		
Physical Assets:					
Real estate	29,484	26,707	26,536	20,429	18,665
Non-real estate:					
Livestock and poultry	2,259	2,307	2,071	2,052	1,917
Machinery and motor vehicles	3,914	3,962	3,894	3,693	3,618
Crops stored on and off farms	1,273	1,167	906	1,001	1,323
Household equipment and furnishings	867	910	973	895	910
Financial Assets:					
Deposits and currency	702	739	781	856	910
U.S. savings bonds	229	224	232	239	255
Investments in cooperatives	871	932	988	1,046	999
Total Assets 2/	**39,601**	**36,948**	**36,380**	**30,211**	**28,596**
Liabilities:					
Real estate debt	3,788	3,883	3,959	3,906	3,672
Non-real estate debt:					
Excluding CCC loans	2,816	2,900	2,980	2,965	2,557
Commodity Credit Corporation loans	229	387	181	136	428
Total Liabilities 2/	**6,834**	**7,170**	**7,120**	**7,007**	**6,657**
Proprietors' equities 2/	32,767	29,778	29,260	23,205	21,939
Total Liabilities & Equity	**39,601**	**36,948**	**36,380**	**30,212**	**28,596**
Debt-to-asset ratio (percent)	17.3	19.4	19.6	23.2	23.3

1/ Revised data for 1985; preliminary data for 1986.
2/ May not add due to rounding.

CASH RECEIPTS: Farm Receipts from Sales of Specified Crops and Livestock, Missouri, 1982-86 1/

Commodity	1982	1983	1984	1985	1986
			-thousand dollars-		
Livestock & Products	2,071,683	2,262,784	2,159,411	1,924,447	1,962,497
Meat Animals	1,478,028	1,629,538	1,550,065	1,330,779	1,351,083
Dairy Products	380,912	406,315	353,760	351,625	348,759
Poultry & Eggs	196,423	203,342	235,995	220,953	242,627
Miscellaneous Livestock	16,320	23,589	19,591	21,090	20,028
Crops	1,731,056	1,537,936	1,545,817	1,767,953	1,545,181
Food Grains	269,282	246,331	262,114	174,869	61,383
Feed Crops	357,489	314,429	406,766	674,848	531,255
Cotton	71,779	25,023	42,142	61,441	51,036
Tobacco	11,717	8,123	10,389	10,705	8,801
Oil Crops	962,526	860,180	742,763	753,569	801,272
Vegetables	9,575	9,980	7,476	6,683	6,754
Fruits/Nuts	11,504	11,349	11,367	12,271	13,002
All Other Crops	37,184	62,521	62,800	73,567	71,678
Total	3,802,739	3,800,720	3,705,228	3,692,400	3,507,678

1/ Revised data for 1982-85; preliminary data for 1986.

FARM INCOME: Total, Gross, and Net Income from Farming, Missouri, 1981-85 1/

Item	1981	1982	1983	1984	1985
			-million dollars-		
Cash receipts and other farm income	4,226.2	3,973.1	3,905.7	3,845.1	3,838.6
Government payments to farmers	105.4	79.8	241.2	224.6	187.7
Non-money income	597.6	583.7	518.6	518.0	397.2
Total gross farm income 2/	**4,929.3**	**4,636.6**	**4,665.5**	**4,587.7**	**4,423.5**
Farm production expenses	4,230.5	4,203.5	4,240.7	4,143.2	3,958.9
Realized net farm income 2/	**698.8**	**433.1**	**424.8**	**444.5**	**464.6**
Net change in farm inventories	221.9	-57.4	-514.0	34.9	276.9
Total net farm income 2/	**920.7**	**375.8**	**-89.2**	**479.3**	**741.5**

1/ Revised data for 1981-84.
2/ May not add due to rounding.

FARM PRODUCTION EXPENSES: Total Farm Production Expenses, Missouri, 1981-85 1/

Item	1981	1982	1983	1984	1985
			-million dollars-		
Intermediate product expenses	2,175.3	2,036.4	2,173.0	2,073.7	2,003.5
Farm origin	749.7	733.9	860.0	752.4	727.4
Feed	600.4	593.7	724.7	603.6	578.9
Livestock	43.2	42.5	43.4	42.6	44.7
Seed	106.0	97.8	92.0	106.2	103.8
Manufactured inputs	810.7	710.2	690.1	686.0	666.2
Fertilizer and lime	362.3	274.8	268.6	257.6	252.1
Pesticides	128.6	130.1	126.4	144.9	150.9
Fuel and oil	278.9	258.7	246.2	234.2	215.9
Electricity	40.9	46.5	48.9	49.4	47.3
Other	614.9	592.4	622.8	635.3	609.9
Repair and operation	314.1	314.4	310.8	323.5	308.2
Other miscellaneous	300.8	278.0	312.0	311.8	301.7
Interest	676.9	745.4	719.4	709.0	604.7
Real estate	326.9	375.0	380.9	376.3	331.8
Non-real estate	350.0	370.4	338.5	332.7	272.9
Contract and hired labor expenses	153.0	173.2	165.8	167.0	170.8
Cash labor expenses	132.7	150.0	143.3	143.2	149.3
Perquisites	20.3	23.3	22.5	23.8	21.5
Net rent to nonfarm landlords	214.8	243.6	192.5	251.5	314.1
Capital consumption	900.2	888.5	875.3	828.2	761.2
Business taxes	110.4	116.3	114.7	113.9	104.7
Total production expenses	**4,230.5**	**4,203.5**	**4,240.7**	**4,143.2**	**3,958.9**

1/ Revised data for 1981-84, preliminary for 1985.

REAL ESTATE VALUE AND TAXES: Value of Land and Buildings and Taxes Levied on Farm Real Estate, Missouri, 1982-87

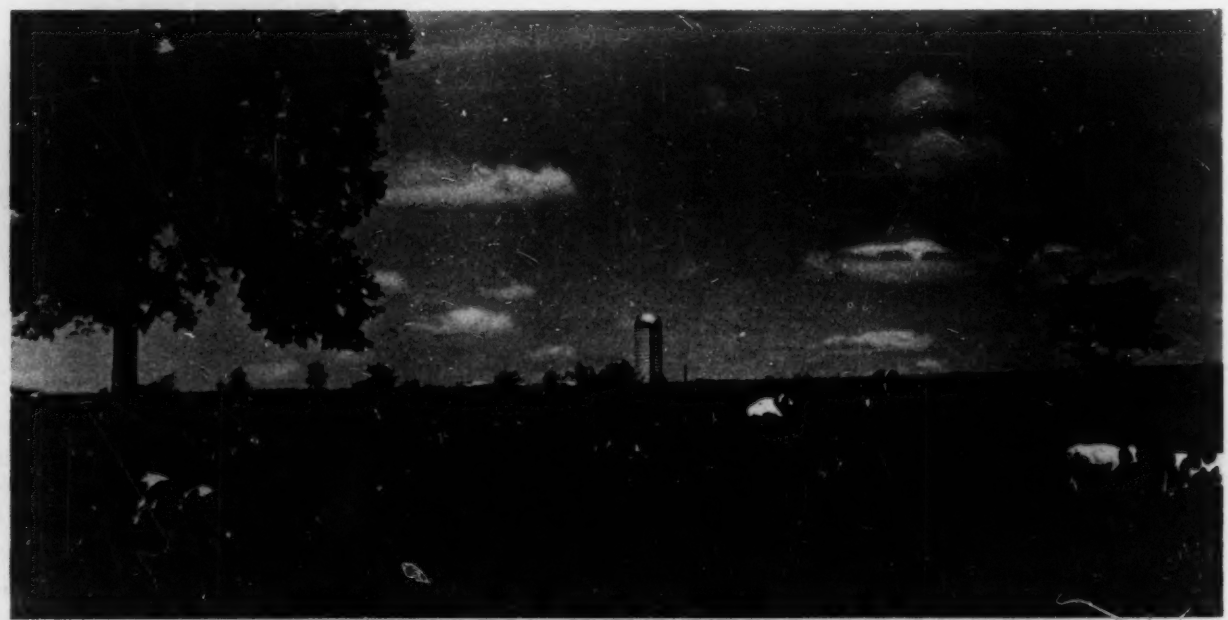
Year	Value of Land and Buildings		Taxes Levied on Farm Real Estate		
	Total	Average Per Acre	Total	Average Per Acre	Average Taxes Per $100 of Full Value
	-million dollars-	-dollars-	-million dollars-	-dollars-	
1982	29,484	945	88.2	2.99	.32 1/
1983	26,707	856	78.0	2.64	.31 1/
1984	26,536	856	78.0 2/	2.64 2/	.31 2/
1985	20,297	659	78.0 2/	2.64 2/	.40 2/
1986	18,613	606	3/	3/	3/
1987	16,938	552	3/	3/	3/

1/ Revised.
2/ Preliminary.
3/ Not available.

FARM REAL ESTATE DEBT: Amount Outstanding by Lender, Missouri, December 31, 1982-86 1/

Lender	1982	1983	1984	1985	1986
			-million dollars-		
Federal Land Banks	1,271	1,269	1,257	1,139	1,003
Farmers Home Administration	405	431	461	479	467
Life Insurance Companies	476	459	424	365	339
All Operating Banks	559	616	669	694	622
Individuals and others	1,172	1,183	1,095	996	879
Total Farm Real Estate Debt 2/	3,883	3,959	3,906	3,672	3,310

1/ Revised data for 1982-1985; preliminary data for 1986.
2/ May not add due to rounding.



MISSOURI: Agricultural Landholdings of Foreign Owners, December 31, 1986

County	Parcels (Number)	Acres (Number)	Reported Value 1/ (1,000 Dollars)	County	Parcels (Number)	Acres (Number)	Reported Value 1/ (1,000 Dollars)
Adair	1	1,160	209	Jackson	5	771	8,286
Andrew	1	140	167	Jasper	1	155	150
Atchison	4	1,006	1,086	Laclede	1	152	220
Audrain	2	604	834	Lafayette	1	800	1,595
Bates	1	1,779	1,890	Lawrence	10	1,164	1,082
Buchanan	3	860	868	McDonald	4	2,497	1,167
Butler	1	7	4	Macon	3	3,758	731
Carroll	1	116	110	Mississippi	8	3,058	1,669
Carter	1	198	100	Montgomery	1	160	122
Cass	1	840	860	New Madrid	3	1,160	1,520
Clay	3	1,029	1,588	Newton	1	180	130
Clinton	2	3,138	4,343	Osage	1	200	375
Cooper	2	1,280	1,390	Pike	3	3,606	1,790
Crawford	1	1,311	82	Platte	3	421	546
Dallas	1	30	7	Pulaski	3	455	234
Daviess	2	1,642	2,022	Putnam	1	880	1,034
Dent	1	77	13	Ralls	3	614	69
Gasconade	1	21	1	Ray	1	385	768
Gentry	2	512	265	St. Louis	1	42	36
Greene	2	120	120	Stoddard	6	5,181	7,077
Grundy	4	2,311	4,052	Sullivan	1	1,950	520
Harrison	5	2,681	964	Taney	7	6,451	1,318
Holt	2	525	81	Warren	1	63	320
Howard	6	1,894	2,598				
Howell	2	2,180	1,636	Total	121	59,564	56,049

1/ Reported value is purchase price or nonpurchase price (estimated value) at time of acquisition.

SOURCE: United States Department of Agriculture; Economic Research Service, Natural Resource Economics Division.

FARMS: Number of Farms, Land in Farms and Average Size of Farm, Missouri and United States, 1982-86

Year	Missouri			United States		
	Number of Farms	Land in Farms	Avg. Size of Farm	Number of Farms	Land in Farms	Avg. Size of Farm
	-thousands-	-thous ac-	-acres-	-thousands-	-thous ac-	-acres-
1982	118	31,200	264	2,401	1,027,795	428
1983	118	31,200	264	2,370	1,024,195	432
1984	117	31,000	265	2,328	1,019,378	438
1985	115	30,800	268	2,275	1,014,383	446
1986	115	30,700	267	2,214	1,007,363	455

AVERAGE CASH RENT PER ACRE: Cropland and Pasture, Missouri, 1983-87

District	NW	NC	NE	WC	C	EC	SW	SC	SE	State
Cropland					-dollars-					
1983	79.20	76.50	78.10	55.80	62.50	68.00	48.00	*	73.60	68.60
1984	76.50	73.70	75.80	53.00	62.50	64.20	45.00	*	72.00	67.00
1985	65.00	62.00	64.60	47.30	53.90	54.30	38.80	*	68.60	56.50
1986	62.60	59.70	62.20	45.50	51.90	52.30	37.40	*	66.00	54.40
1987	**54.80**	**52.00**	**57.50**	**38.90**	**44.20**	**44.40**	**35.20**	*	**58.10**	**48.30**
Pasture										
1983	27.90	28.70	31.70	25.50	23.70	22.00	23.50	*	*	26.20
1984	26.90	26.20	27.50	21.00	28.40	21.90	20.10	*	*	22.20
1985	23.50	22.40	23.00	17.50	20.00	19.70	17.00	*	*	18.90
1986	27.30	26.10	26.80	20.40	23.30	22.90	19.80	*	*	22.00
1987	**22.70**	**20.90**	**21.20**	**18.00**	**19.50**	**20.70**	**18.10**	*	*	**19.40**

* Not available

MISSOURI: Cost of Production Per Planted Acre, 1985 1/

	Corn	Sorghum	Winter Wheat	Soybeans	Cotton
			-dollars-		
CASH RECEIPTS:					
Primary Crop	243.29	142.83	90.19	163.05	334.45
Secondary Crop			4.05		26.06
Total	243.29	142.83	94.24	163.05	360.51
CASH EXPENSES:					
Seed	16.74	4.26	7.53	9.01	9.07
Fertilizer	48.83	36.04	35.26	5.21	29.05
Lime and Gypsum	.97	1.33	2.06	.48	.85
Chemicals	16.12	10.18	.39	14.95	24.98
Custom Operations	3.57	1.63	4.63	2.49	8.36
Fuel, Lube, and Electricity	11.09	10.30	7.01	7.61	15.64
Repairs	10.74	9.02	5.46	5.54	20.51
Hired Labor	1.65	2.07	.83	1.47	8.46
Drying, Ginning, Technical Services and Miscellaneous	2.99	2.81	.32	.20	51.90
Total, Variable Expenses	112.70	77.64	63.49	46.96	168.82
General Farm Overhead	8.83	8.75	5.94	7.85	18.90
Taxes and Insurance	9.65	9.13	6.47	7.15	11.68
Interest	28.92	28.66	19.46	25.69	61.88
Total, Fixed Expenses	47.40	46.54	31.88	40.69	92.45
Total, Cash Expenses	160.10	124.18	95.37	87.65	261.28
Receipts Less Cash Expenses	83.19	18.65	-1.13	75.40	99.23
Capital Replacement	34.75	27.78	19.29	23.40	50.65
Receipts Less Cash Expenses And Replacement	48.44	-9.13	-20.42	52.00	48.58
ECONOMIC (FULL OWNERSHIP) COSTS:					
Variable Expenses	112.70	77.64	63.49	46.96	168.82
General Farm Overhead	8.83	8.75	5.94	7.85	18.90
Taxes and Insurance	9.65	9.13	6.47	7.15	11.68
Capital Replacement	34.75	27.78	19.29	23.40	50.65
Allocated Returns to Owned Inputs:					
Return to Operating Capital	3.85	2.20	2.50	1.47	3.00
Return to Other Non-Land Capital	13.15	11.24	7.28	8.00	16.00
Net Land Rent	67.22	38.34	24.00	68.34	69.74
Labor (Unpaid)	13.35	12.70	9.53	9.86	16.42
Total, Economic Costs	263.50	187.78	138.51	173.02	355.21
Residual Returns to Management And Risk	-20.21	-44.95	-44.27	-9.97	5.30
Total, Returns to Owned Inputs	77.36	19.53	-.96	77.69	110.46
Harvest-Period Price (Dollars/Bu.)	2.25	1.80	2.71	4.79	.54 2/
Yield (Bu./Planted Acre)	108.1	79.4	33.3	34.0	619.4 2/
Yield (Bu./Harvested Acre)	110.0	83.0	39.0	34.5	653.0 2/

1/ All costs and returns are preliminary as of 08/01/86.
2/ Cotton price is per pound, yield is pounds per acre.

Source: Costs of Producing Major Crops, USDA, ERS, January 1987

CASH RECEIPTS, CROPS
By Counties, 1984
Top Ten Counties

New Madrid.....$68,440,000
Dunklin.....$64,965,000
Stoddard.....$59,889,000
Pemiscot.....$57,475,000
Mississippi.....$53,101,000
Saline.....$38,596,000
Audrain.....$37,295,000
Carroll.....$36,985,000
Chariton.....$36,898,000
Atchison.....$32,426,000

Over $20,000,000
$15,000,000 – $19,999,999
$5,000,000 – $14,999,999
Under $5,000,000

CASH RECEIPTS, LIVESTOCK
By Counties, 1984
Top Ten Counties

Lafayette.....$53,651,000
McDonald.....$53,354,000
Nodaway.....$52,691,000
Osage.....$47,973,000
Greene.....$47,016,000
Lincoln.....$45,522,000
Barry.....$43,397,000
Audrain.....$42,625,000
Lawrence.....$41,939,000
Polk.....$41,908,000

More than $30,000,000
$20,000,000 – $29,999,999
$13,000,000 – $19,999,999
Less than $13,000,000

NOTES

REQUEST FORM FOR REPORTS

To receive any of the reports listed below, please check the boxes and return this form to the Missouri Agricultural Statistics Office, P.O. Box L, Columbia, Missouri 65205.

☐ 1986 MISSOURI AGRICULTURAL FINANCE SURVEY - A summary of the results of a special farm finance survey conducted in January 1987.

☐ 1987 ANNUAL CROP SUMMARY - A summary of the final crop acreage and production for the the 1987 crop season. To be released in January 1988.

☐ MISSOURI FARM FACTS - An annual summary of crop and livestock statistics for Missouri, including county estimates for livestock and major crops. Published in June.

☐ MISSOURI AGRICULTURAL STATISTICS 1970-1982 - A summary of the final state and county estimates of livestock and crops for 1970 through 1982. Published in March 1985.

☐ COUNTY AGRI-FACTS for _____(your county). A four-page summary that includes a short history of your county, crop and livestock production, population, fertilizer use, farm expenses, etc. Some data series begin as early as 1850. Reissued in Spring of 1986.

Name:_____

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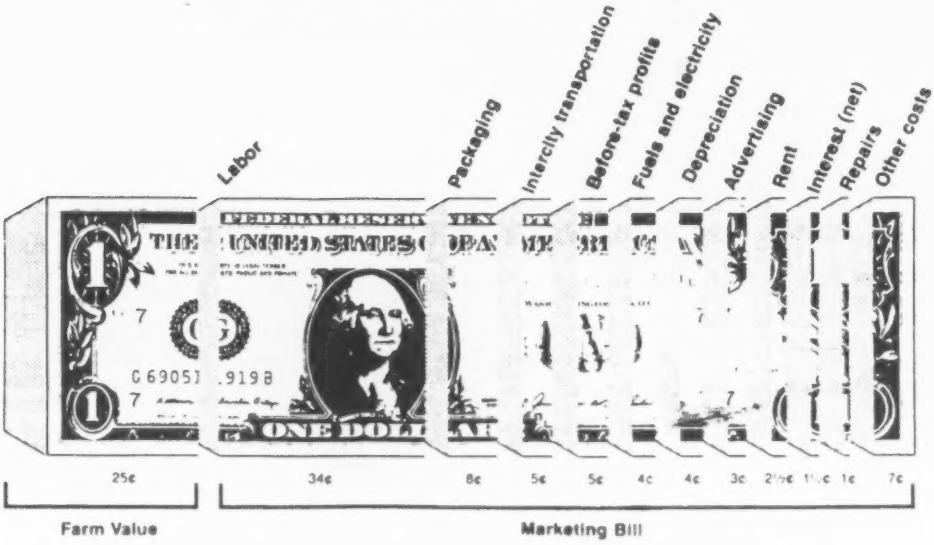
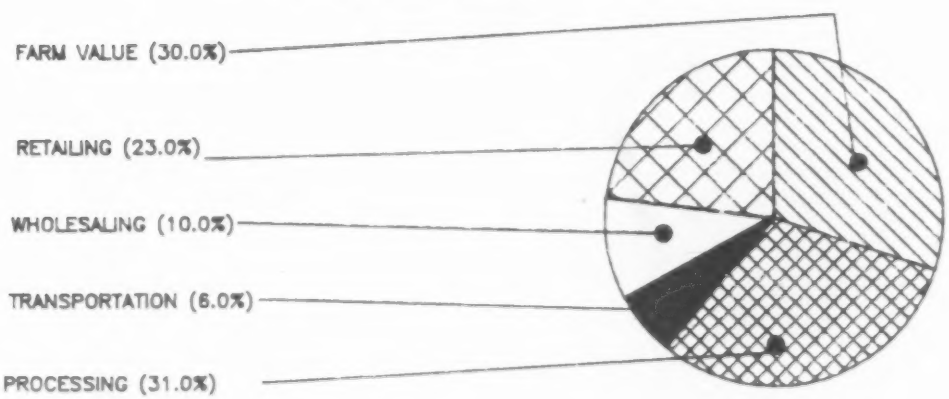
_____
(specify)

If you are interested in receiving a subscription form for the weekly CROP AND WEATHER REPORT or the twice monthly CROP AND LIVESTOCK REPORTER.....PLEASE CHECK HERE: ☐

WHAT A DOLLAR SPENT ON FOOD PAID FOR IN 1986



PARTS OF ONE DOLLAR FOR FOOD EATEN AT HOME



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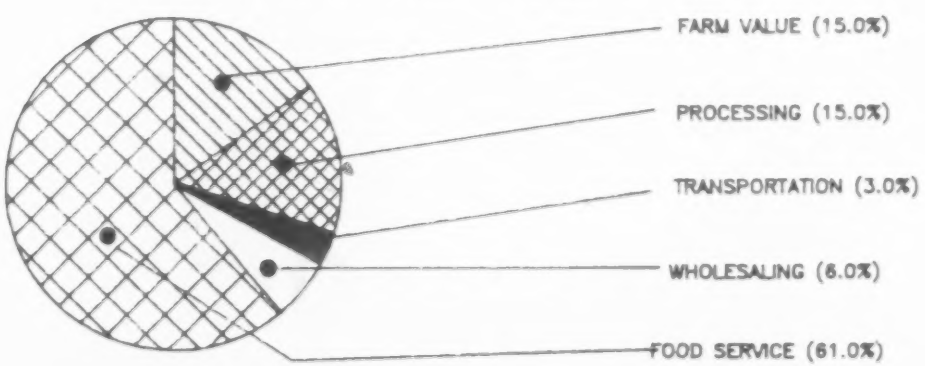

SOURCE: United States Department of Agriculture, Economic Research Service

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